

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

H: 1"=100'

V: 1"=10'



REV	DATE	BY	SUB	APP

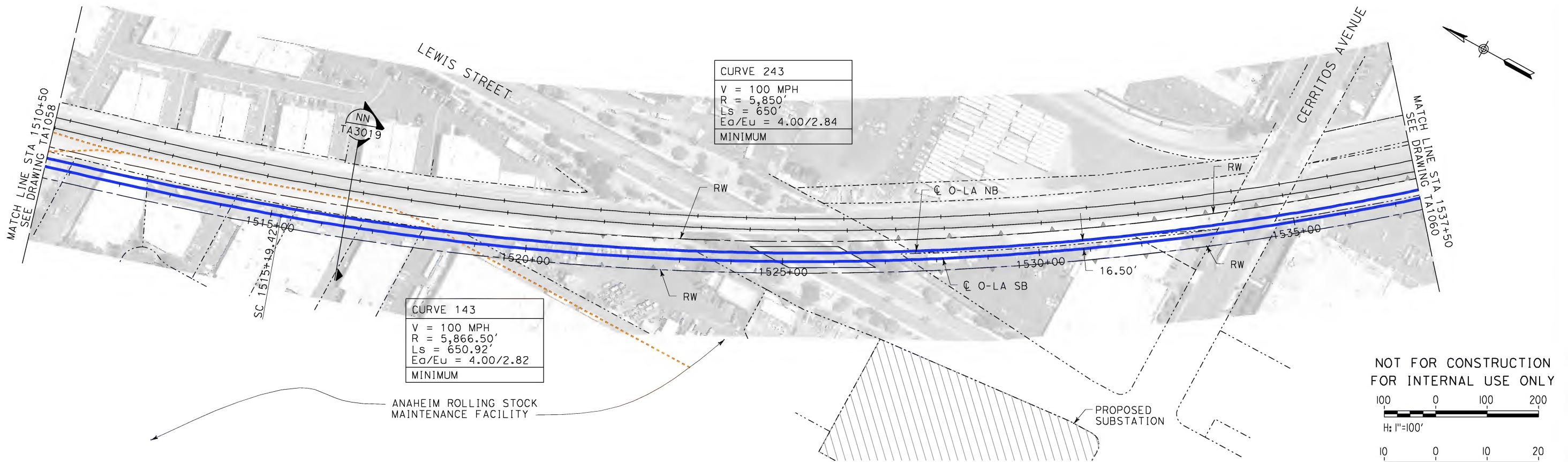
DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09



CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1485+50 TO STA 1510+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1058
SCALE AS SHOWN
SHEET NO.



DESIGNED BY	K. MCCULLOUGH
DRAWN BY	K. MCCULLOUGH
CHECKED BY	A. SOKOL
IN CHARGE	D. THOMSON
DATE	12-22-09



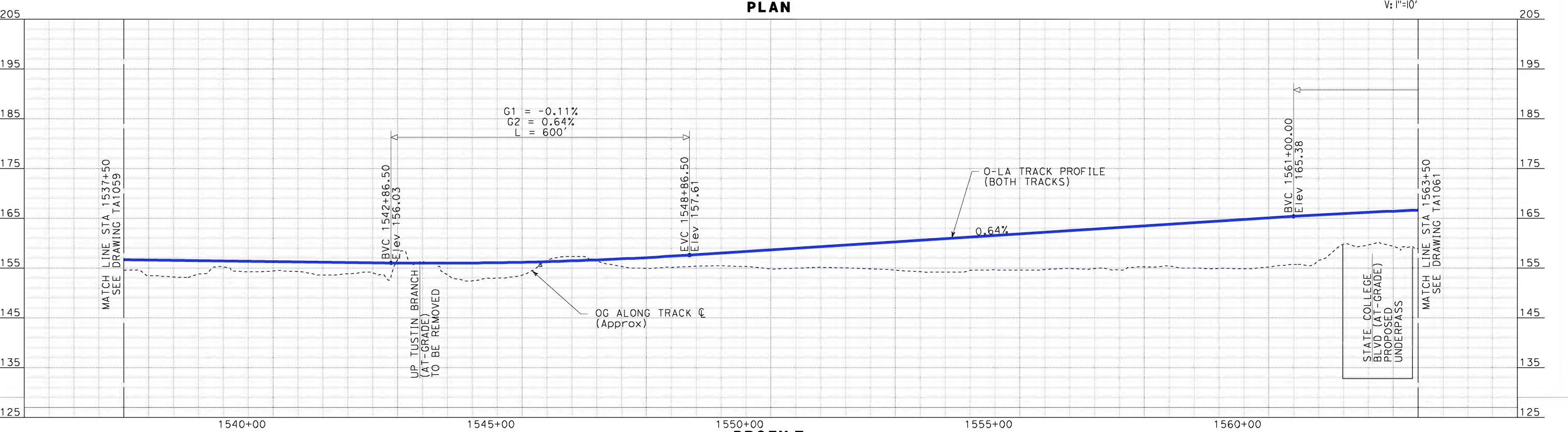
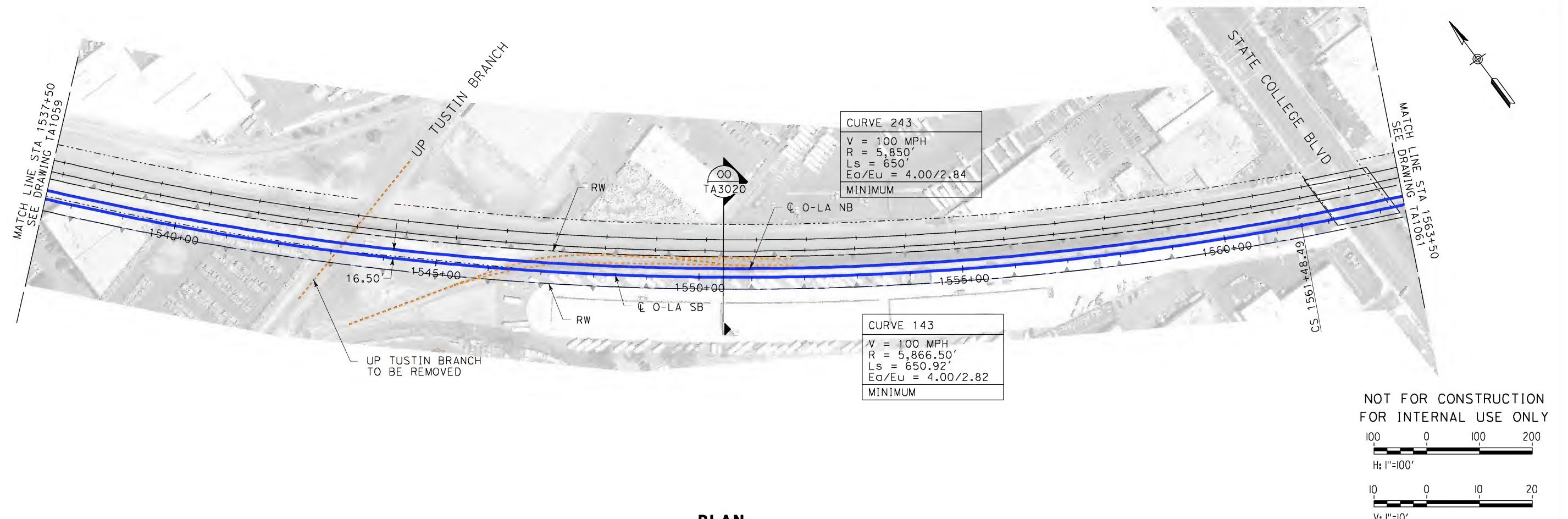
19

## **PROFILE**

# **CALIFORNIA HIGH-SPEED TRAIN PROJECT ORANGE COUNTY TO LOS ANGELES BASELINE ALIGNMENT**

PLAN AND PROFILE

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TA1059  
SCALE  
AS SHOWN  
HEET NO.



DESIGNED BY  
K. MCCULLOCH  
DRAWN BY  
K. MCCULLOCH  
CHECKED BY  
A. SOKOL  
IN CHARGE  
D. THOMSON  
DATE  
12-22-09



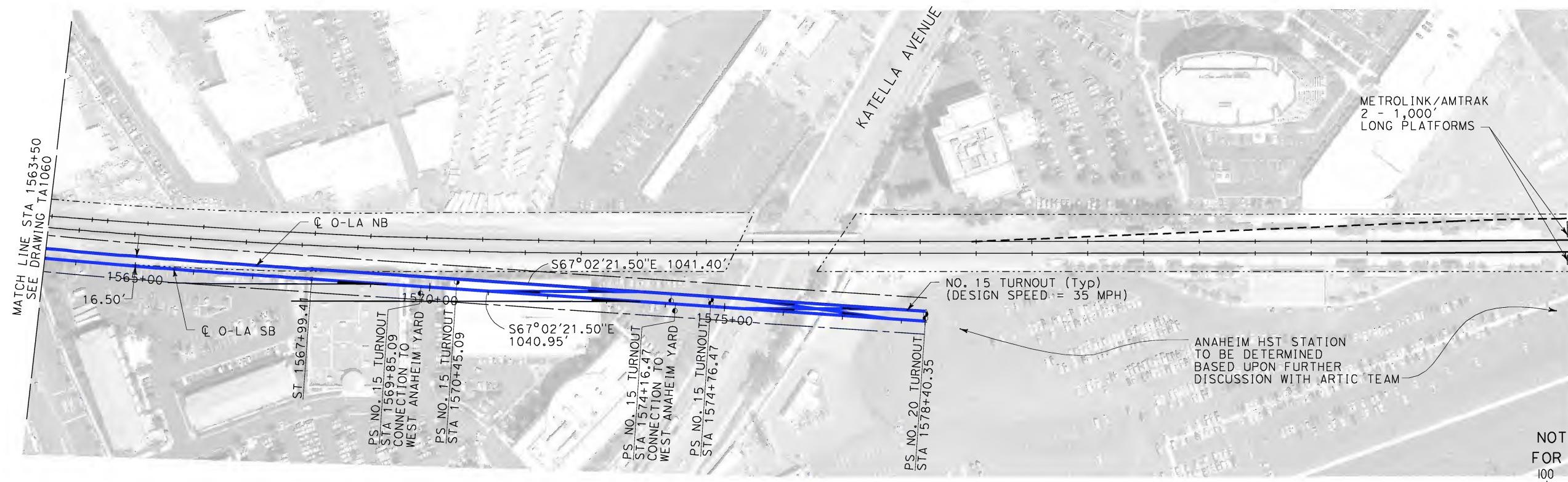
The logo for the California High-Speed Rail Authority. It features a circular emblem on the left containing a stylized high-speed train in motion, with horizontal lines suggesting speed. To the right of the emblem, the words "CALIFORNIA HIGH-SPEED RAIL AUTHORITY" are written in a serif font. Below this, the word "FLY" is written in a large, bold, sans-serif font, followed by "CALIFORNIA" in a slightly smaller but also bold sans-serif font. At the bottom, the tagline "Without ever leaving the ground." is written in a cursive, italicized sans-serif font.

1550+00  
**PROFIL**

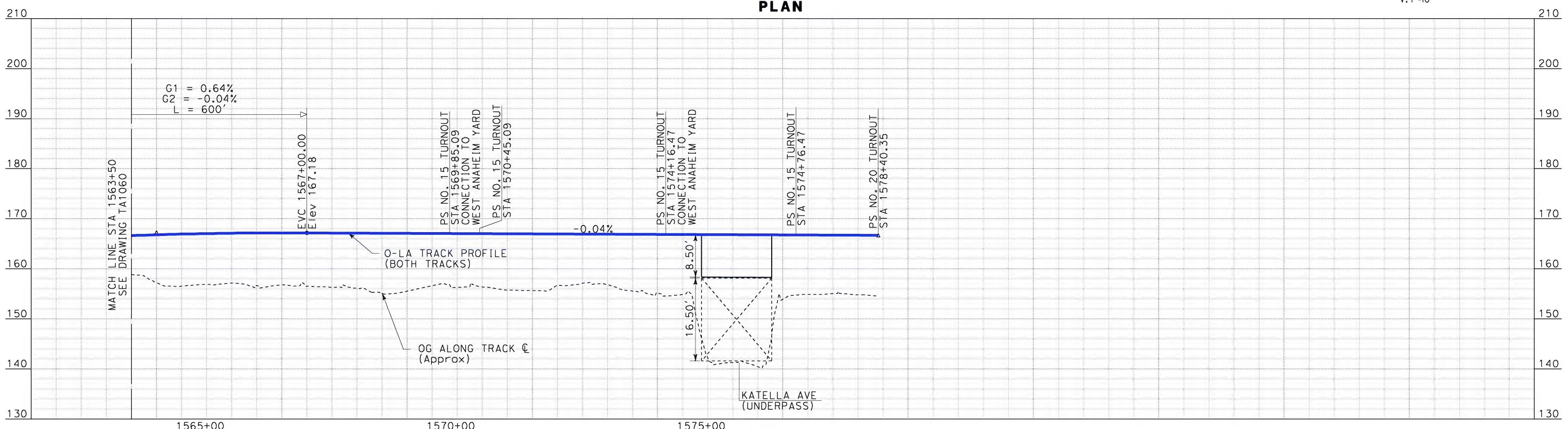
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT**

PLAN AND PROFILE

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TA1060  
SCALE  
AS SHOWN  
SHEET NO.



PLAN

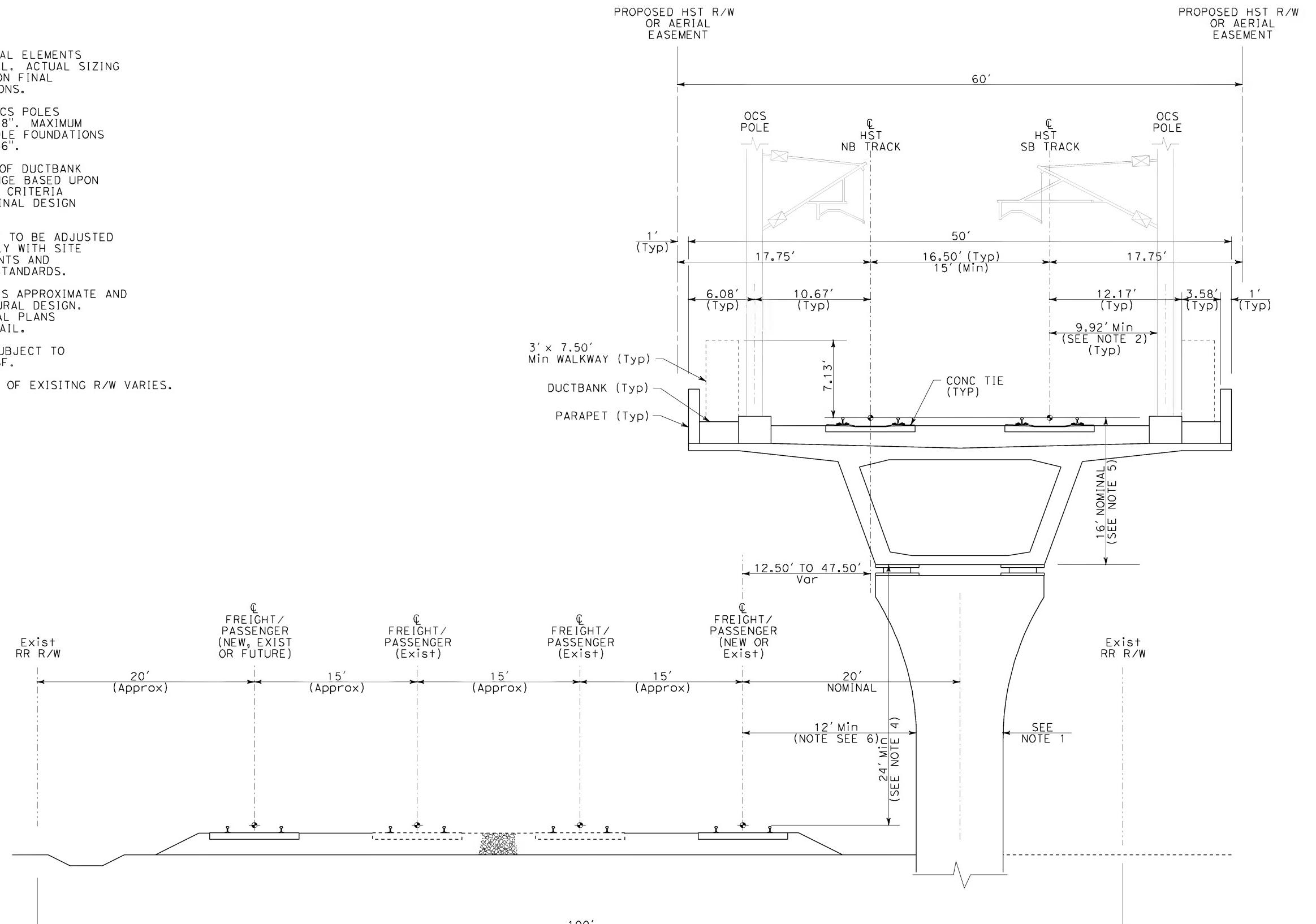


PROFILE

					DESIGNED BY K. MCCULLOUGH	STV Incorporated ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS 1055 WEST SEVENTH STREET, SUITE 3150 LOS ANGELES, CA 90017-2556	CALIFORNIA HIGH-SPEED RAIL AUTHORITY <b>FLY CALIFORNIA</b> Without ever leaving the ground.	CALIFORNIA HIGH-SPEED TRAIN PROJECT ORANGE COUNTY TO LOS ANGELES BASELINE ALIGNMENT PLAN AND PROFILE STA 1563+50 TO STA 1578+40.35	CONTRACT NO. HSR06-0005
REV	DATE	BY	SUB	APP	DRAWN BY K. MCCULLOUGH				DRAWING NO. TA1061
					CHECKED BY A. SOKOL				SCALE AS SHOWN
					IN CHARGE D. THOMSON				SHEET NO.
					DATE 12-22-09				
					DESCRIPTION				

NOTES:

1. SIZING OF STRUCTURAL ELEMENTS SHOWN IS CONCEPTUAL. ACTUAL SIZING MAY VARY BASED UPON FINAL DESIGN CONSIDERATIONS.
2. MAXIMUM WIDTH OF OCS POLES IS ASSUMED TO BE 18". MAXIMUM DIAMETER OF OCS POLE FOUNDATIONS IS ASSUMED TO BE 36".
3. LOCATION AND SIZE OF DUCTBANK IS SUBJECT TO CHANGE BASED UPON FORTHCOMING DESIGN CRITERIA REQUIREMENTS, OR FINAL DESIGN CONSIDERATIONS.
4. VERTICAL CLEARANCE TO BE ADJUSTED AS NEEDED TO COMPLY WITH SITE SPECIFIC REQUIREMENTS AND GOVERNING AGENCY STANDARDS.
5. STRUCTURAL DEPTH IS APPROXIMATE AND SUBJECT TO STRUCTURAL DESIGN. REFER TO STRUCTURAL PLANS FOR ADDITIONAL DETAIL.
6. MINIMUM DISTANCE SUBJECT TO AGREEMENT WITH BNSF.
7. WIDTH AND LOCATION OF EXISITNG R/W VARIES.



REV	DATE	BY	SUB	APP	DESCRIPTION	DESIGNED BY K. MCCULLOUGH	DRAWN BY K. MCCULLOUGH	CHECKED BY A. SOKOL	IN CHARGE D. THOMSON	DATE 12-22-09
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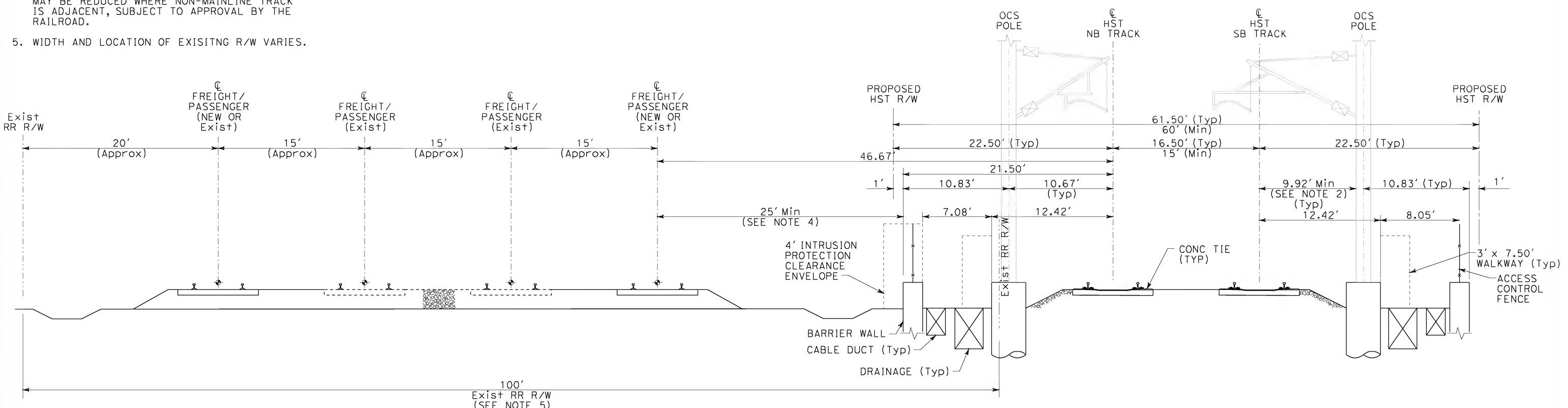
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**

TYPICAL CROSS SECTION  
ADJACENT TO BNSF SAN BERNARDINO SUB  
AERIAL VIADUCT

CONTRACT NO. HSR06-0005
DRAWING NO. TA3001
SCALE 1" = 5'
SHEET NO.

## NOTES:

- SIZING OF BARRIER WALL SHOWN IS CONCEPTUAL. ACTUAL SIZING MAY VARY BASED UPON FINAL DESIGN CONSIDERATIONS.
- MAXIMUM WIDTH OF OCS POLES IS ASSUMED TO BE 18". MAXIMUM DIAMETER OF OCS POLE FOUNDATIONS IS ASSUMED TO BE 36".
- CONCRETE DRAINAGE CHANNEL AND DUCTBANK ARE SHOWN AT REPRESENTATIVE SIZE AND LOCATIONS, AND ARE SUBJECT TO RELOCATION/RECONFIGURATION BASED UPON FORTHCOMING DESIGN CRITERIA REQUIREMENTS, OR FINAL DESIGN CONSIDERATIONS.
- THE 25' MINIMUM DIMENSIONS FROM C OF EXIST FREIGHT TRACK TO THE HST BARRIER WALL IS TYPICAL WHERE THE FREIGHT TRACK IS A MAIN LINE TRACK. THIS DIMENSION MAY BE REDUCED WHERE NON-MAINLINE TRACK IS ADJACENT, SUBJECT TO APPROVAL BY THE RAILROAD.
- WIDTH AND LOCATION OF EXISITNG R/W VARIES.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

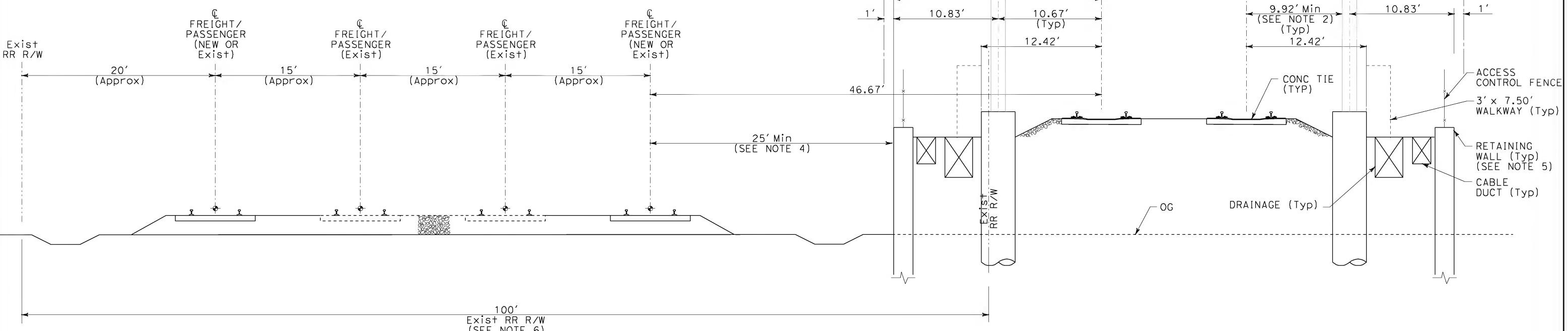
REV	DATE	BY	SUB	APP	DESCRIPTION	DESIGNED BY K. MCCULLOUGH	DRAWN BY K. MCCULLOUGH	CHECKED BY A. SOKOL	IN CHARGE D. THOMSON	DATE 12-22-09

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**TYPICAL CROSS SECTION  
ADJACENT TO BNSF SAN BERNARDINO SUB  
AT-GRADE

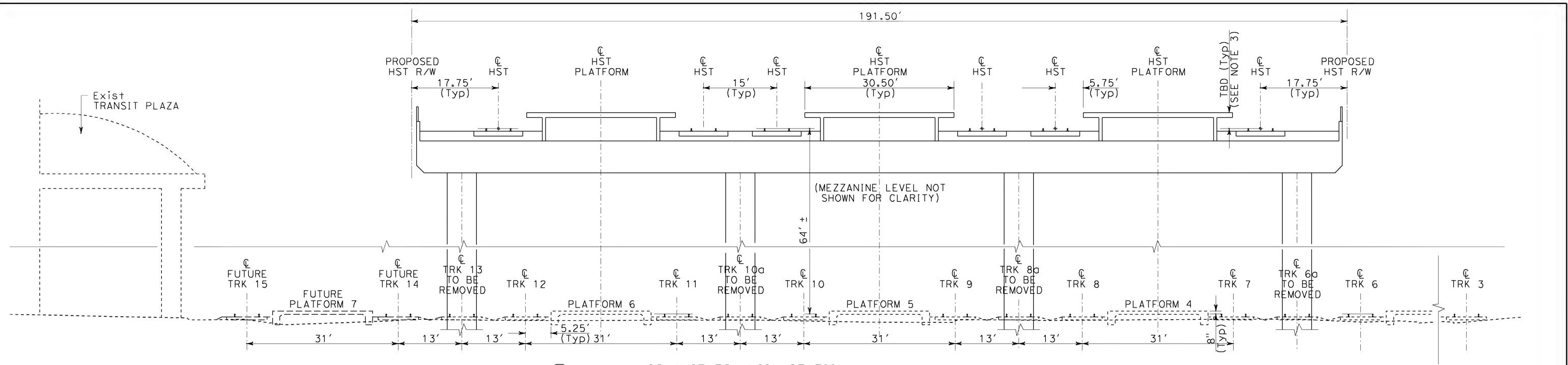
CONTRACT NO. HSR 0005
DRAWING NO. TA3002
SCALE 1" = 5'
SHEET NO.

## NOTES:

1. SIZING OF BARRIER WALL SHOWN IS CONCEPTUAL. ACTUAL SIZING MAY VARY BASED UPON FINAL DESIGN CONSIDERATIONS.
2. MAXIMUM WIDTH OF OCS POLES IS ASSUMED TO BE 18". MAXIMUM DIAMETER OF OCS POLE FOUNDATIONS IS ASSUMED TO BE 36".
3. CONCRETE DRAINAGE CHANNEL AND DUCTBANK ARE SHOWN AT REPRESENTATIVE SIZE AND LOCATIONS, AND ARE SUBJECT TO RELOCATION/RECONFIGURATION BASED UPON FORTHCOMING DESIGN CRITERIA REQUIREMENTS, OR FINAL DESIGN CONSIDERATIONS.
4. THE 25' MINIMUM DIMENSIONS FROM C OF EXIST FREIGHT TRACK TO THE HST BARRIER WALL IS TYPICAL WHERE THE FREIGHT TRACK IS A MAIN LINE TRACK. THIS DIMENSION MAY BE REDUCED WHERE NON-MAINLINE TRACK IS ADJACENT, SUBJECT TO APPROVAL BY THE RAILROAD.
5. THE RETAINING WALL TYPE IS SUBJECT TO FINAL DESIGN CONSIDERATIONS.
6. WIDTH AND LOCATION OF EXISITNG R/W VARIES.

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FOR INTERNAL USE ONLY

					DESIGNED BY K. MCCULLOUGH		STV Incorporated ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS 1055 WEST SEVENTH STREET, SUITE 3150 LOS ANGELES, CA 90017-2556	CALIFORNIA HIGH-SPEED RAIL AUTHORITY <b>FLY CALIFORNIA</b> Without ever leaving the ground.	CALIFORNIA HIGH-SPEED TRAIN PROJECT ORANGE COUNTY TO LOS ANGELES	CONTRACT NO. HSR-0005
sperrykm					DRAWN BY K. MCCULLOUGH				TYPICAL CROSS SECTION ADJACENT TO BNSF SAN BERNARDINO SUB TRANSITION FROM AT-GRADE TO AERIAL VIADUCT	DRAWING NO. TA3003
					CHECKED BY A. SOKOL					SCALE 1" = 5'
					IN CHARGE D. THOMSON					SHEET NO.
REV	DATE	BY	SUB	APP	DATE	12-22-09				
					DESCRIPTION					

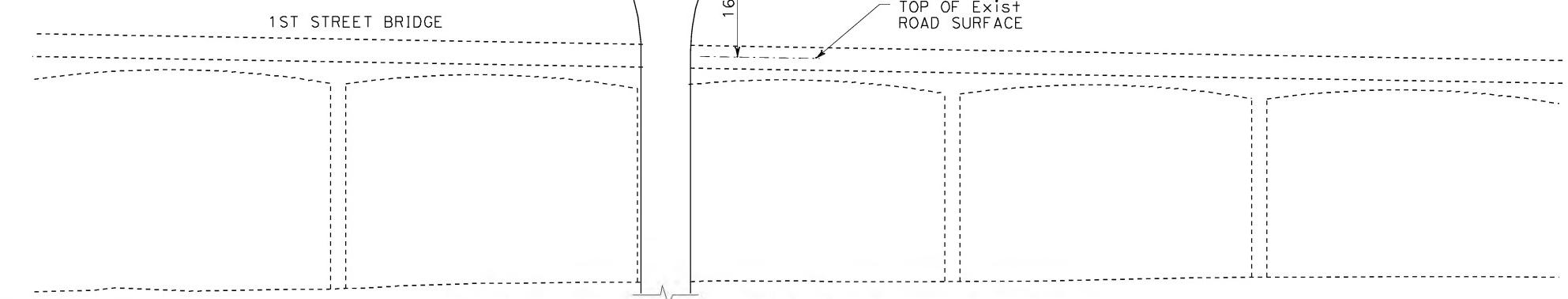
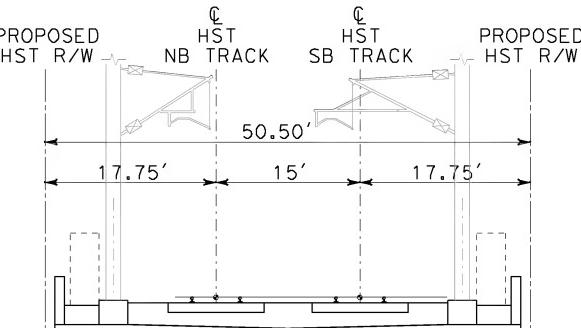


A  
TA1001

LOS ANGELES UNION STATION  
STA 10+50

NOTES:

1. TYPICAL SECTION AT LAUS DOES NOT INCLUDE PEDESTRIAN ACCESS/BRIDGE OR CANOPIES, WHICH ARE CURRENTLY UNDER DEVELOPMENT.
2. THE PROPOSED RUN-THROUGH TRACK PROJECT WOULD RAISE TRACKS 3, 4, 5 AND 6 BY APPROX 5'. BECAUSE THE RUN-THROUGH TRACKS WOULD CROSS UNDER THE HST TRACKS JUST SOUTH OF THE STATION, THE HST TRACKS AND PLATFORM MUST BE HIGH ENOUGH TO CLEAR OVER THE PROPOSED RUN-THROUGH TRACKS (MINIMUM DIMENSION PROVIDED). DEPENDING ON THE DESIGN OF THE OVERALL LAYOUT, INCLUDING SOUTH AND NORTH APPROACHES, AND PEDESTRIAN ACCESS, THE HST TRACKS AND PLATFORM MAY BE CONSIDERABLY HIGHER.
3. PLATFORM HEIGHT SUBJECT TO CHANGE.
4. SIZING OF STRUCTURAL ELEMENTS SHOWN IS CONCEPTUAL. ACTUAL SIZING MAY VARY BASED UPON FINAL DESIGN CONSIDERATIONS.
5. ACCESS CONTROL FENCE TO BE LOCATED AT THE PROPOSED R/W, WHERE REQUIRED.



B  
TA1002

AERIAL STRUCTURE OVER 1ST STREET BRIDGE  
STA 41+00

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	SUB	APP
DESCRIPTION				

DESIGNED BY K. MCCULLOUGH	DRAWN BY K. MCCULLOUGH	CHECKED BY A. SOKOL	IN CHARGE D. THOMSON
DATE 12-22-09			

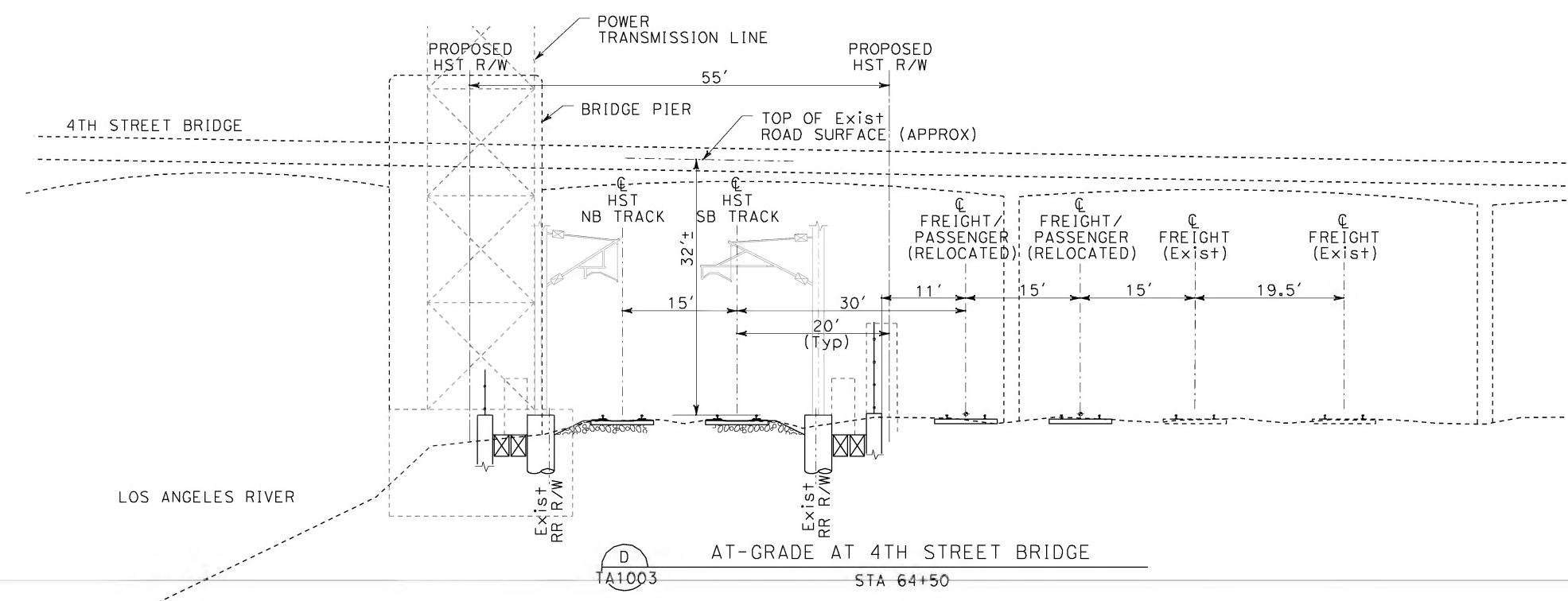
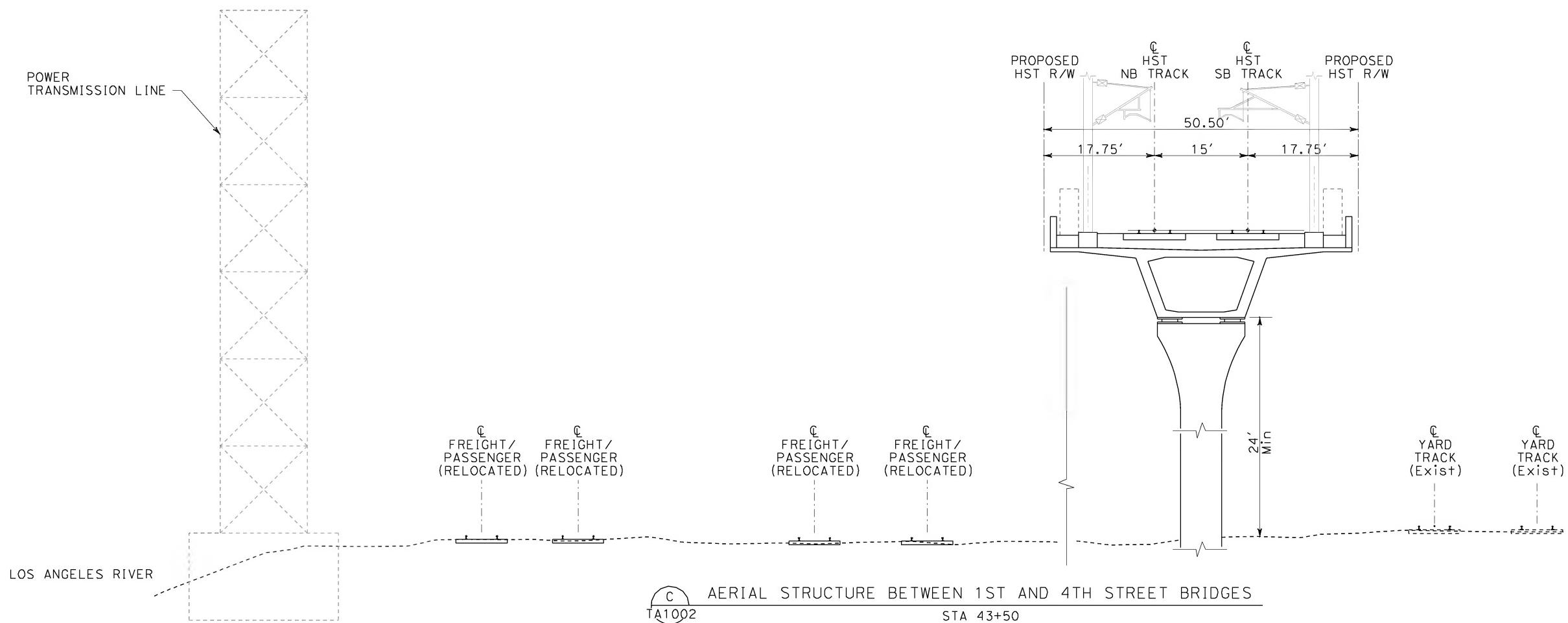
 STV Incorporated  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

CROSS SECTIONS

CONTRACT NO. HSR06-0005
DRAWING NO. TA3004
SCALE 1" = 10'
SHEET NO.



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT**

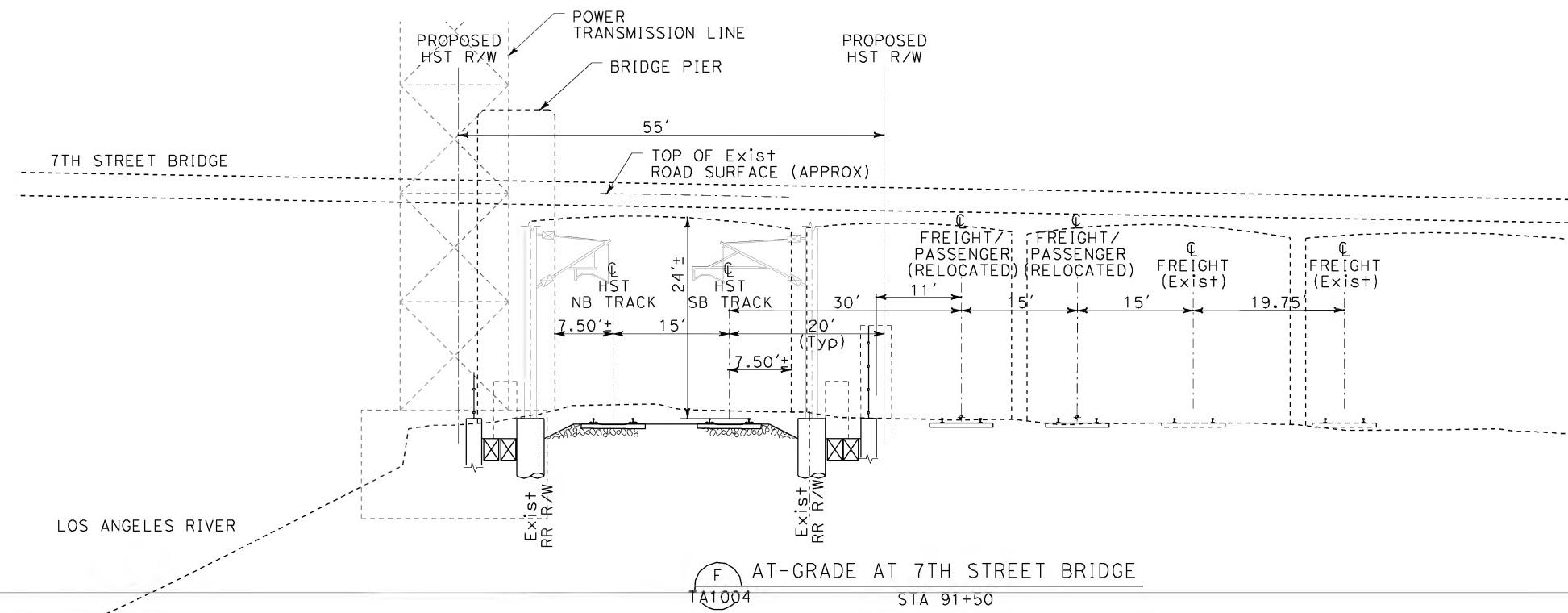
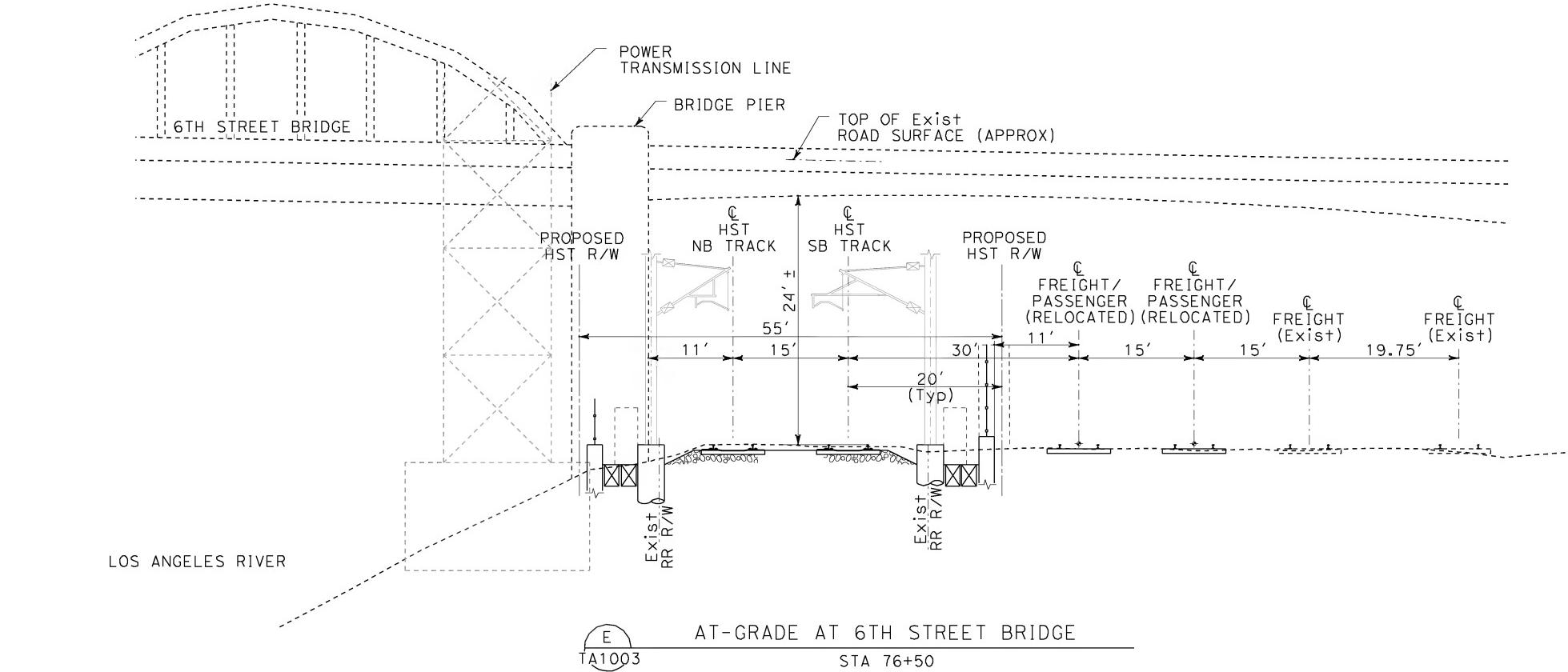
## CROSS SECTIONS

	DESIGNED BY K. MCCULLO
	DRAWN BY K. MCCULLO
	CHECKED BY A. SOKOL
	IN CHARGE D. THOMSON
	DATE 12-22-09



The logo for the California High-Speed Rail Authority. It features a circular emblem on the left containing a high-speed train in motion, with several diagonal lines suggesting speed and movement. To the right of the emblem, the words "CALIFORNIA HIGH-SPEED RAIL AUTHORITY" are written in a serif font. Below this, the word "FLY" is in large, bold, sans-serif letters, followed by "CALIFORNIA" in a larger, bold, italicized sans-serif font. At the bottom, the tagline "Without ever leaving the ground." is written in a smaller, italicized sans-serif font.

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TA3005  
SCALE  
1" = 10'  
SHEET NO.



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

10 0 10 20  
GRAPHIC SCALE

REV	DATE	BY	SUB	APP
	12-22-09			

DESIGNED BY  
K. MCCULLOUGH  
DRAWN BY  
K. MCCULLOUGH  
CHECKED BY  
A. SOKOL  
IN CHARGE  
D. THOMSON  
DATE  
12-22-09



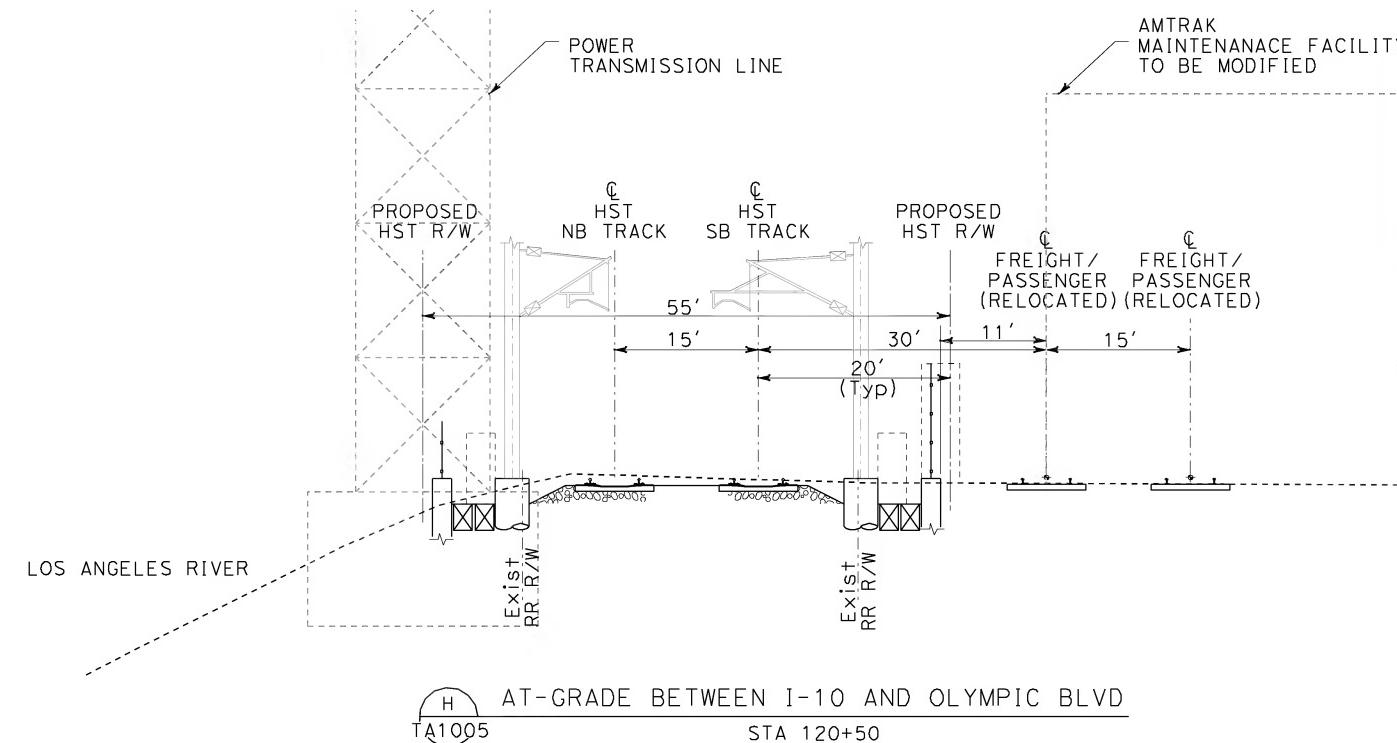
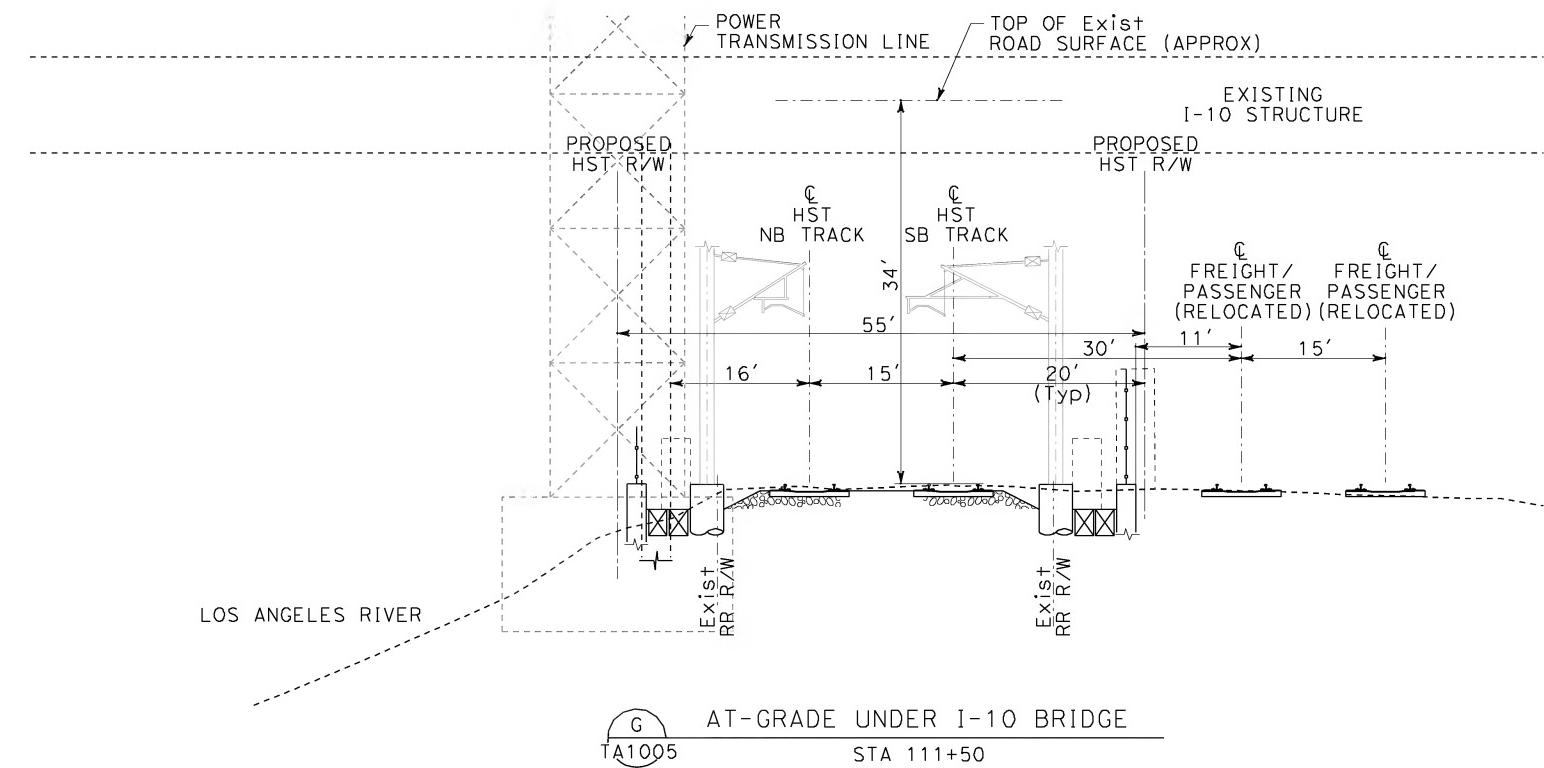
STV Incorporated  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

CROSS SECTIONS

CONTRACT NO.  
HSR-0005  
DRAWING NO.  
TA3006  
SCALE  
1" = 10'  
SHEET NO.



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	SUB	APP	DESCRIPTION
					12-22-09

DESIGNED BY K. MCCULLOUGH	
DRAWN BY K. MCCULLOUGH	
CHECKED BY A. SOKOL	
IN CHARGE D. THOMSON	
DATE 12-22-09	
REV	

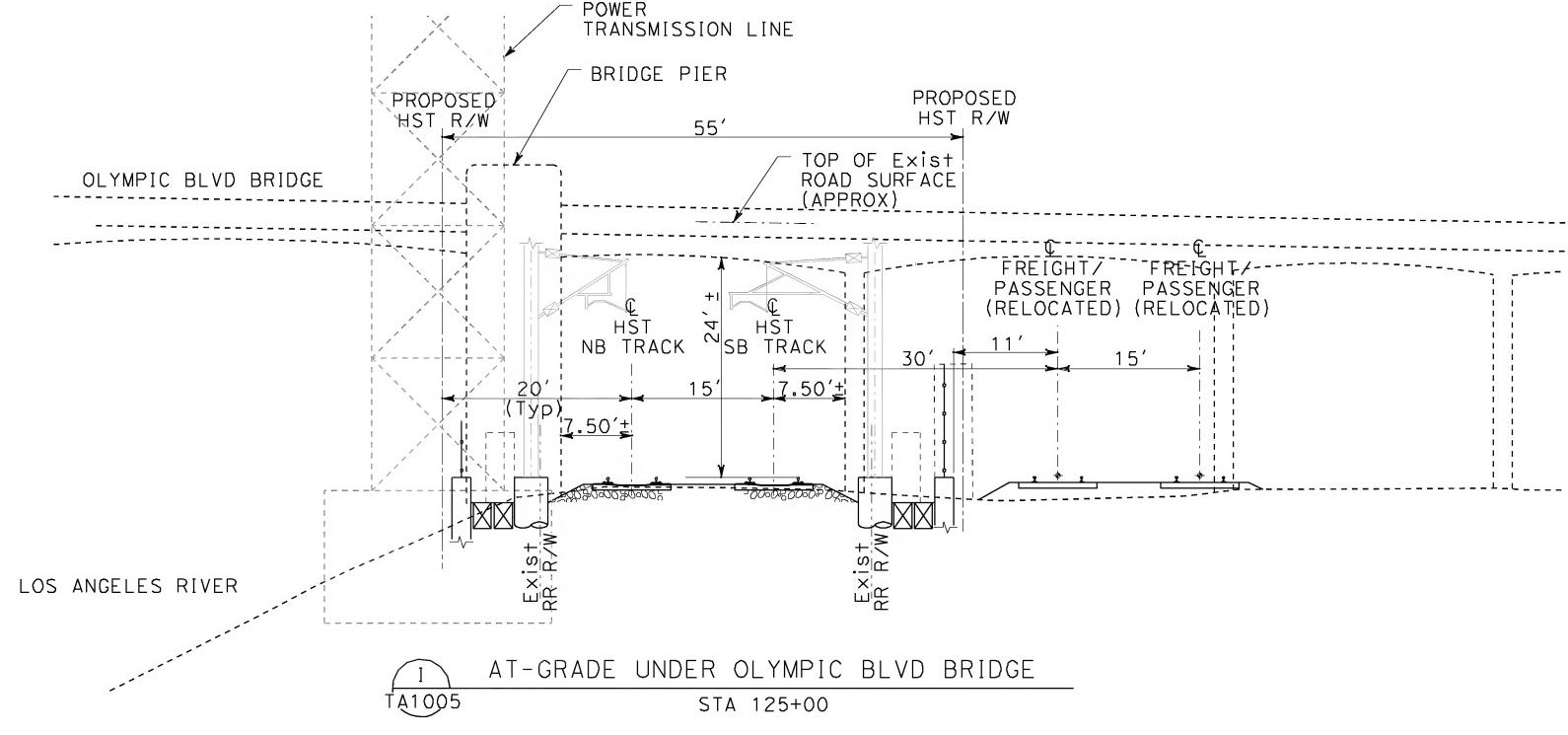
STV Incorporated  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



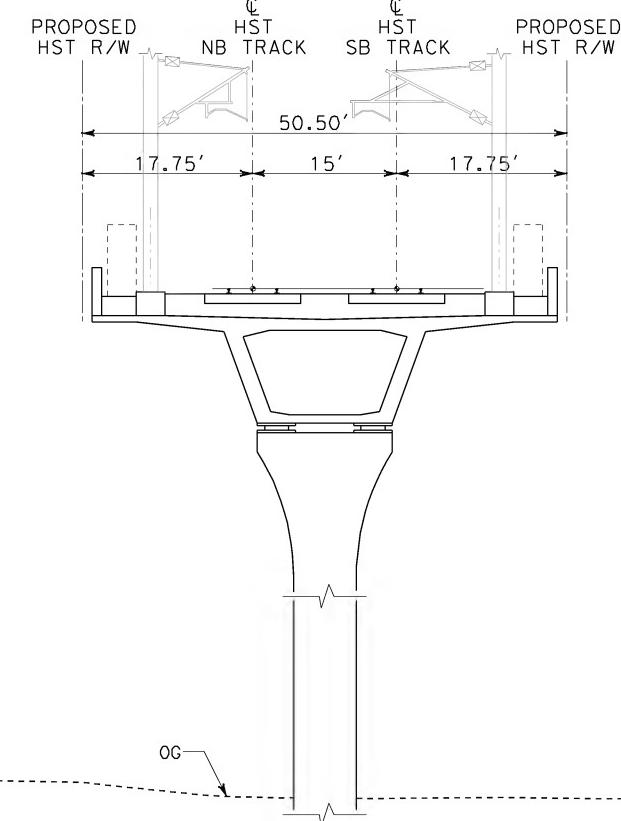
CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

CROSS SECTIONS

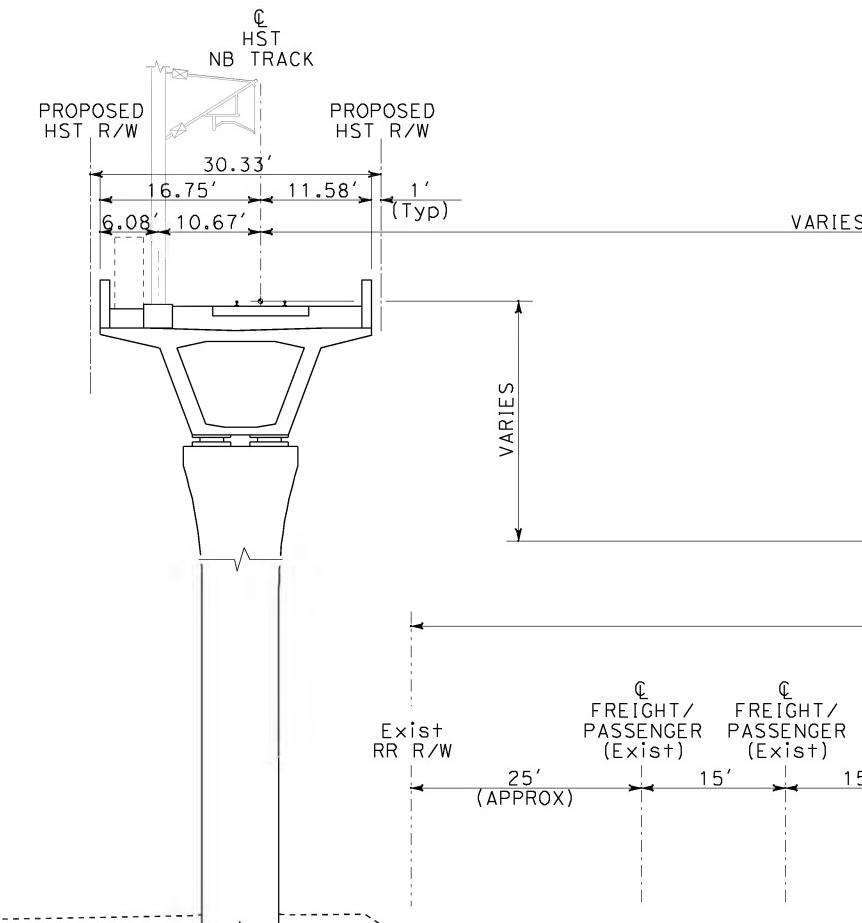
CONTRACT NO. HSR06-0005
DRAWING NO. TA3007
SCALE 1" = 10'
SHEET NO.



I AT-GRADE UNDER OLYMPIC BLVD BRIDGE  
TA1005 STA 125+00



J AERIAL STRUCTURE  
TA1007 STA 161+50



K SEPARATE NB AND SB AERIAL STRUCTURES  
TA1008 STA 207+50

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	SUB	APP

DESIGNED BY K. MCCULLOUGH	
DRAWN BY K. MCCULLOUGH	
CHECKED BY A. SOKOL	
IN CHARGE D. THOMSON	
DATE 12-22-09	
REV	

STV Incorporated  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556

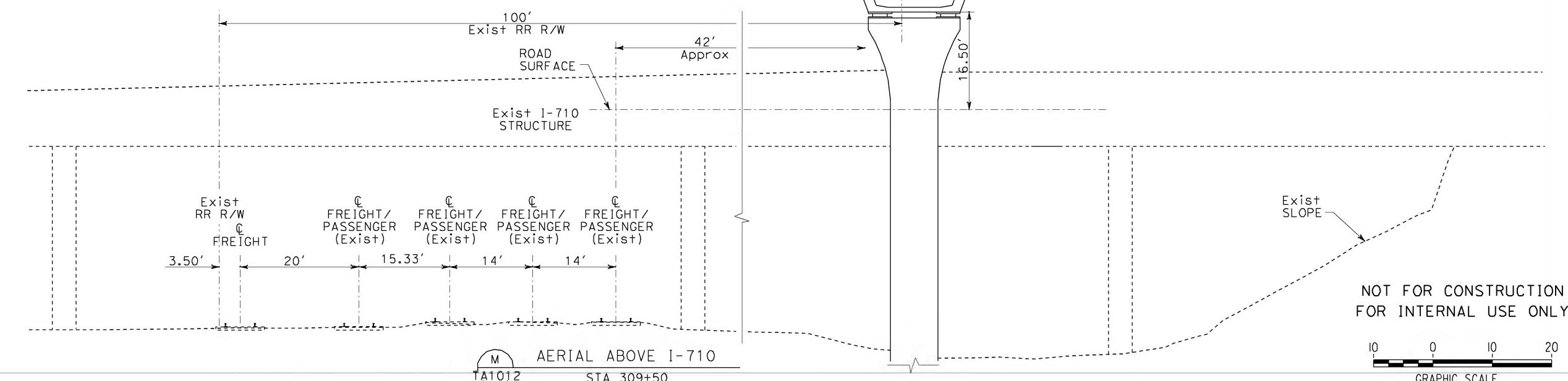
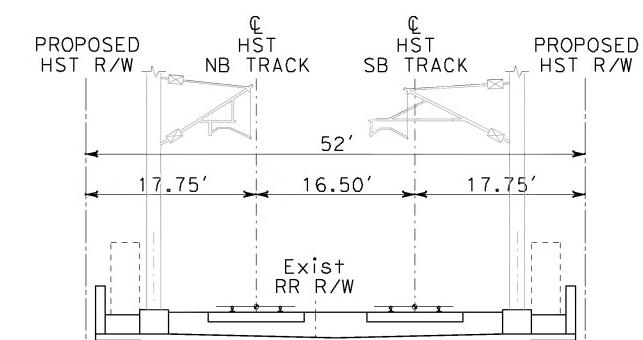
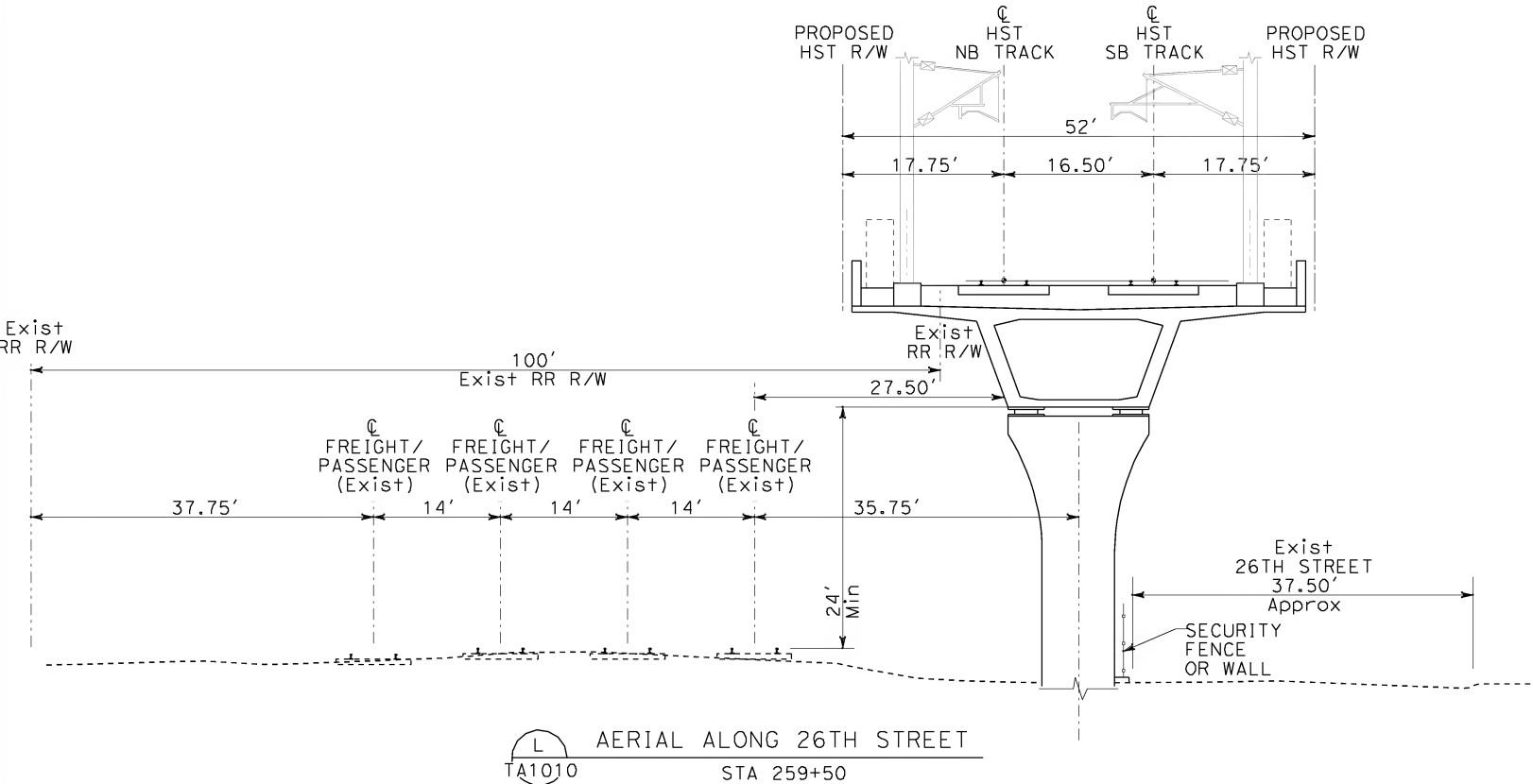


## CALIFORNIA HIGH-SPEED TRAIN PROJECT ORANGE COUNTY TO LOS ANGELES

BASELINE ALIGNMENT

CROSS SECTIONS

CONTRACT NO. HSR06-0005
DRAWING NO. TA3008
SCALE 1" = 10'
SHEET NO.



CONTRACT NO.	HSR-0005
DRAWING NO.	TA3009
SCALE	1" = 10'
SHEET NO.	

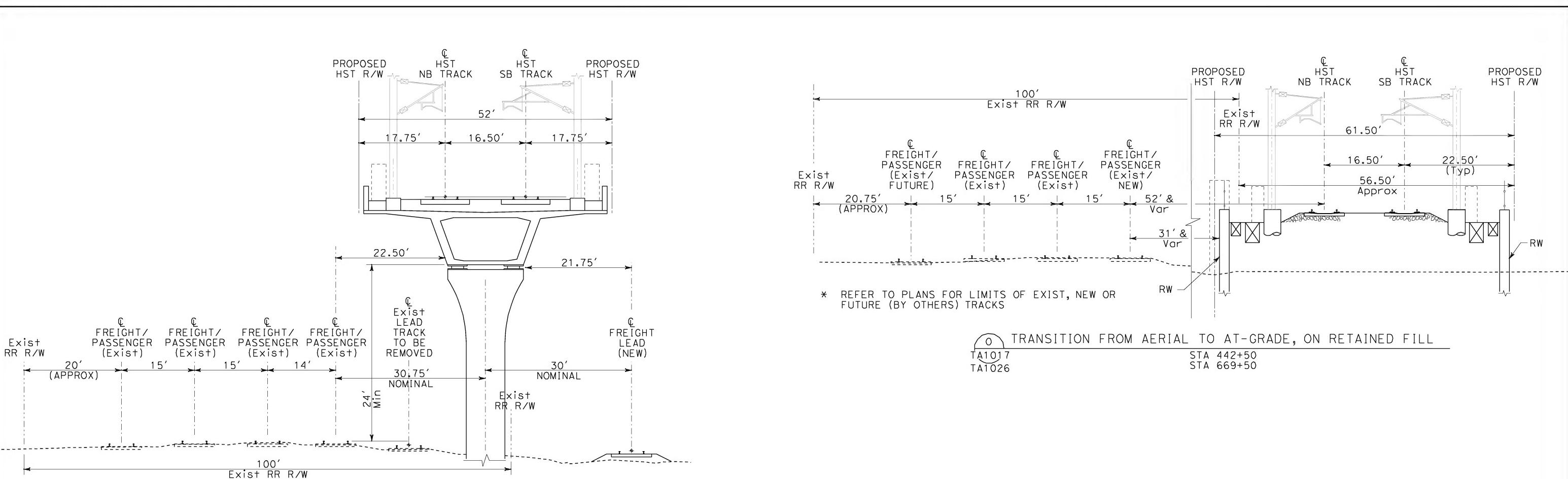
REV	DATE	BY	SUB	APP	DESCRIPTION
					12-22-09

DESIGNED BY  
K. MCCULLOUGH  
DRAWN BY  
K. MCCULLOUGH  
CHECKED BY  
A. SOKOL  
IN CHARGE  
D. THOMSON  
DATE  
12-22-09

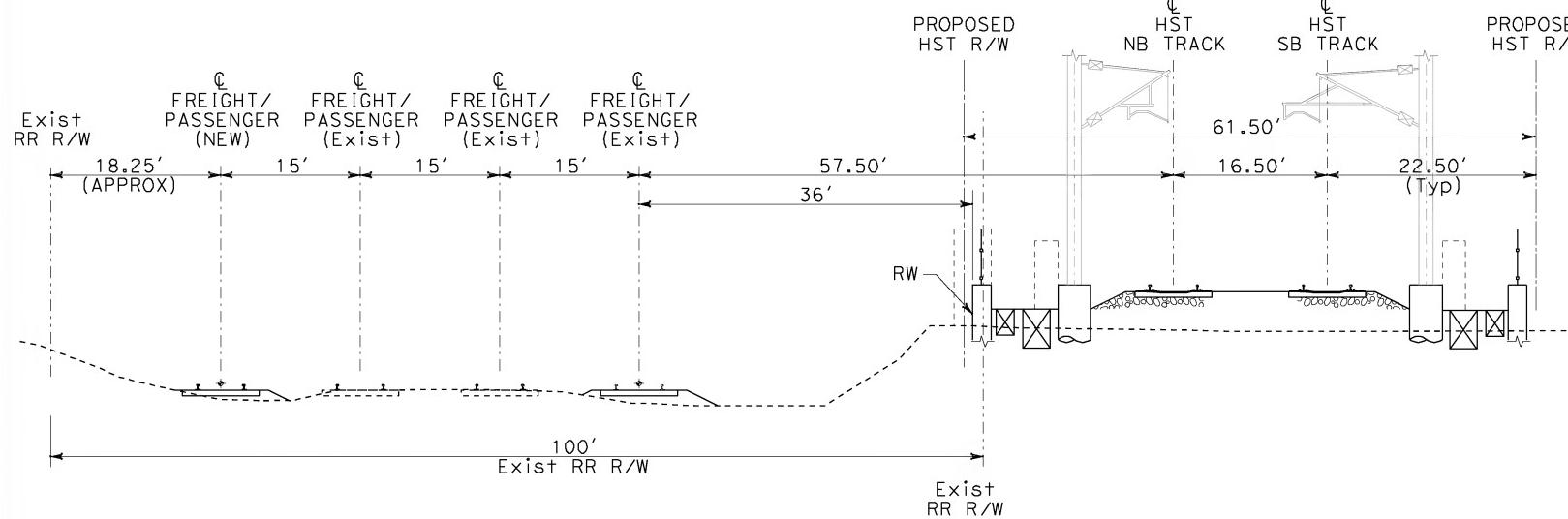
STV Incorporated  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



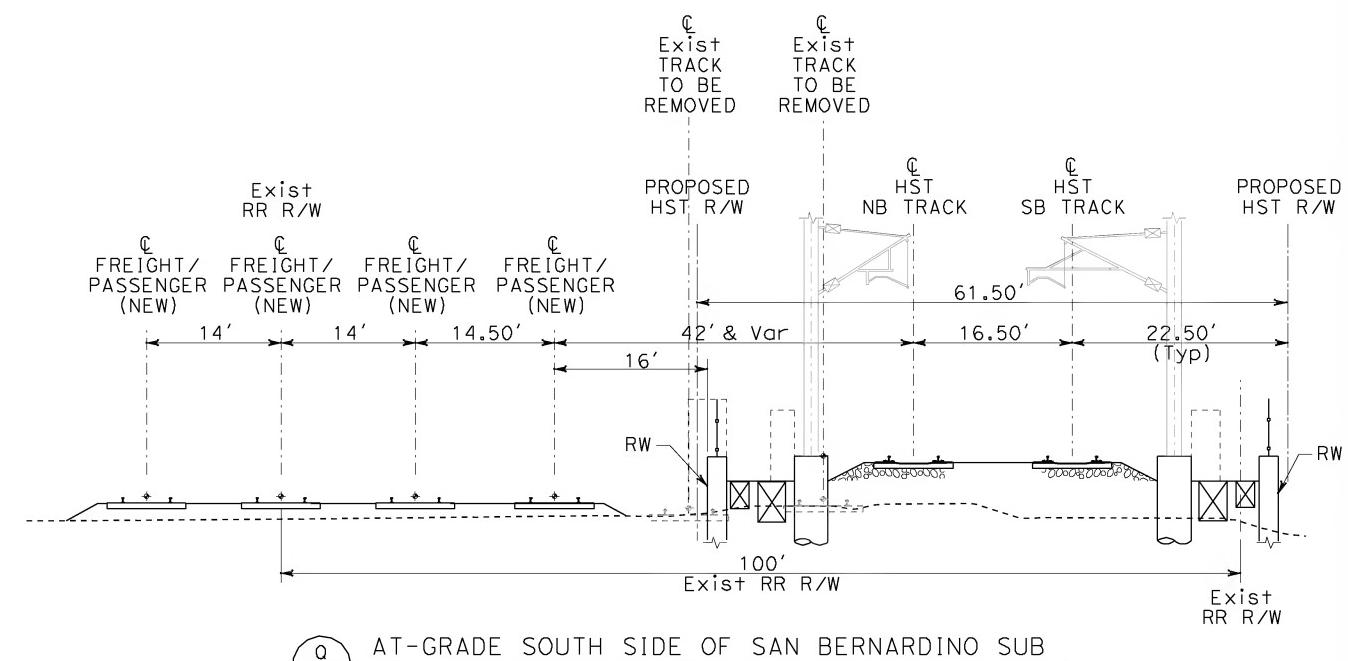
CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT  
CROSS SECTIONS



N AERIAL WITH INDUSTRY TRACK ON SOUTH SIDE OF HST STRUCTURE  
TA1015 STA 378+50



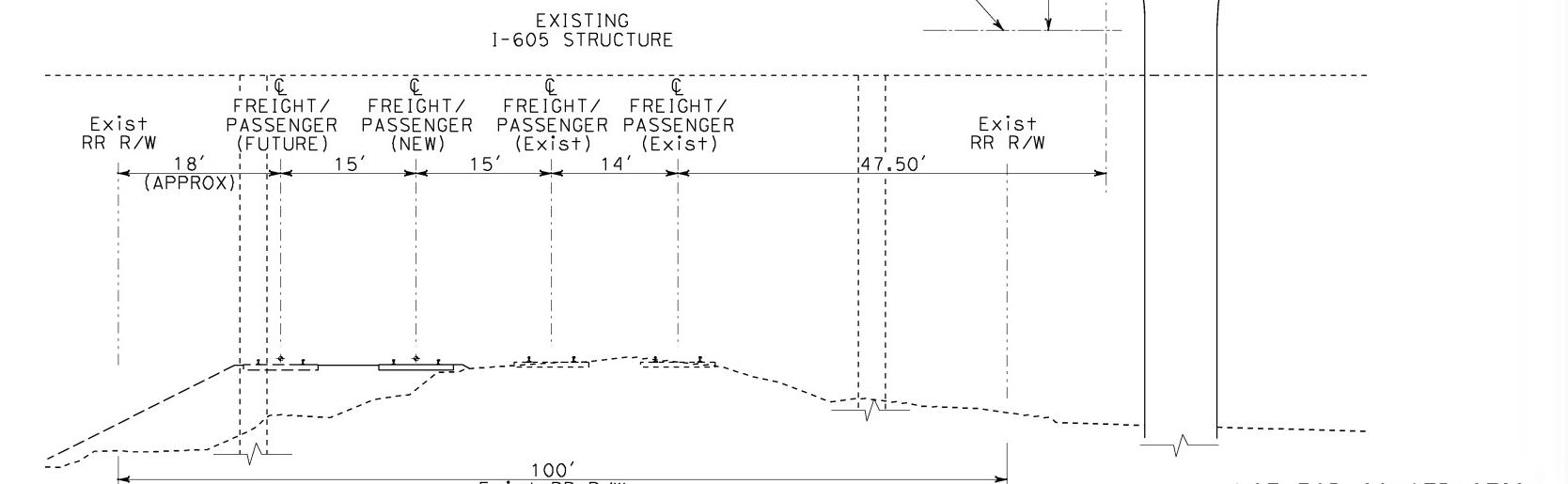
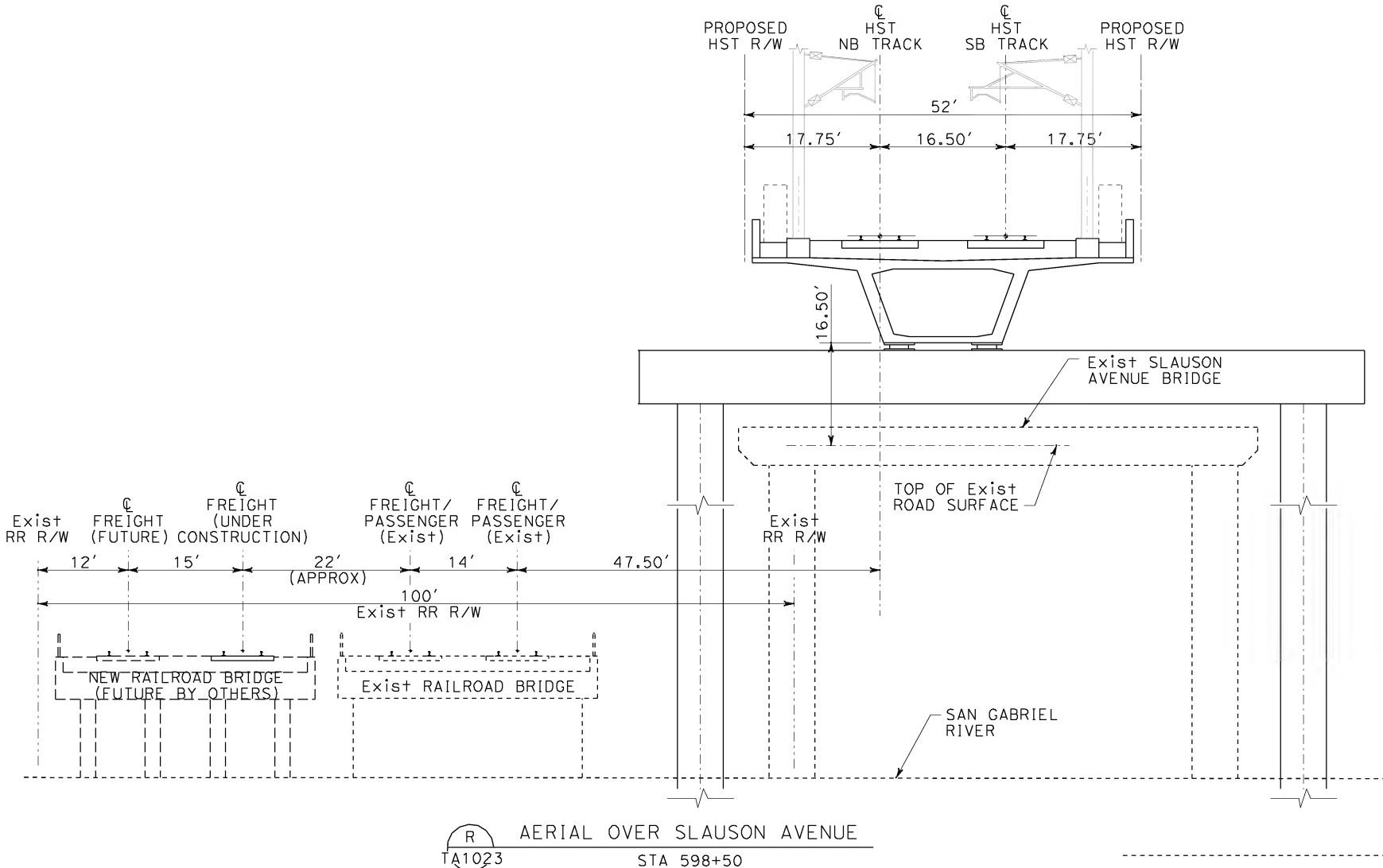
P AT-GRADE SOUTH SIDE OF SAN BERNARDINO SUB  
TA1019 STA 491+50



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



				DESIGNED BY K. MCCULLOUGH	STV Incorporated ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS 1055 WEST SEVENTH STREET, SUITE 3150 LOS ANGELES, CA 90017-2556	 <b>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</b> <b>FLY CALIFORNIA</b> <i>Without ever leaving the ground.</i>	<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>ORANGE COUNTY TO LOS ANGELES</b> BASELINE ALIGNMENT CROSS SECTIONS	CONTRACT NO. HSR06-0005
				DRAWN BY K. MCCULLOUGH				DRAWING NO. TA3010
				CHECKED BY A. SOKOL				SCALE 1" = 10'
				IN CHARGE D. THOMSON				SHEET NO.
				DATE 12-22-09				
REV	DATE	BY	SUB	APP	DESCRIPTION			

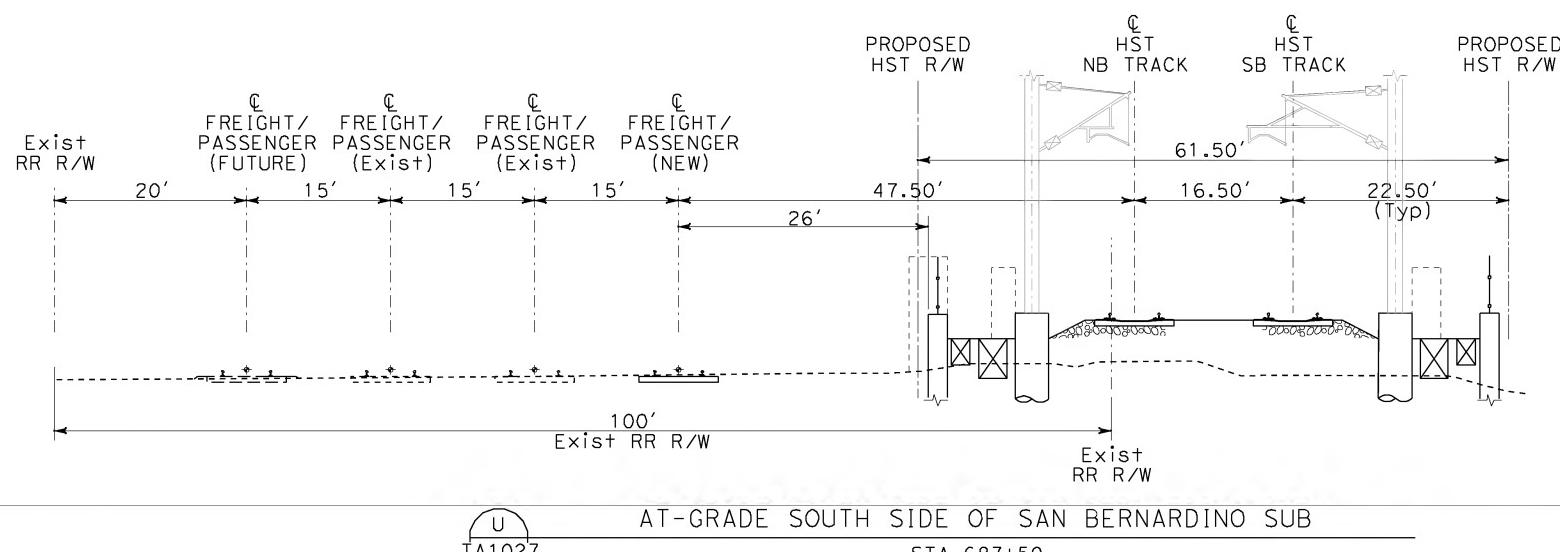
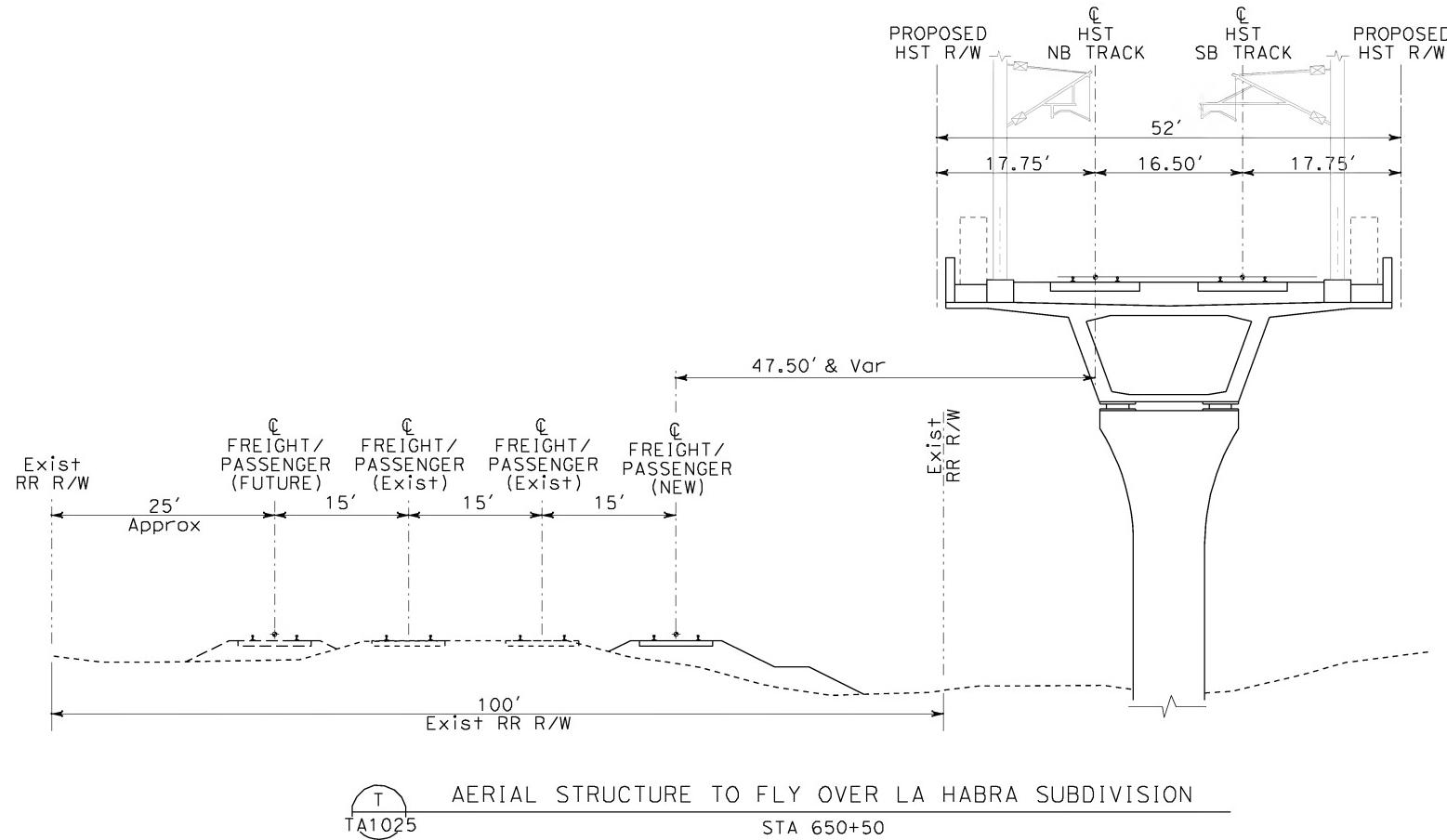


**AERIAL OVER I-605 BRIDGE**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT**

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TA3011  
SCALE  
1" = 10'  
SHEET NO.



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



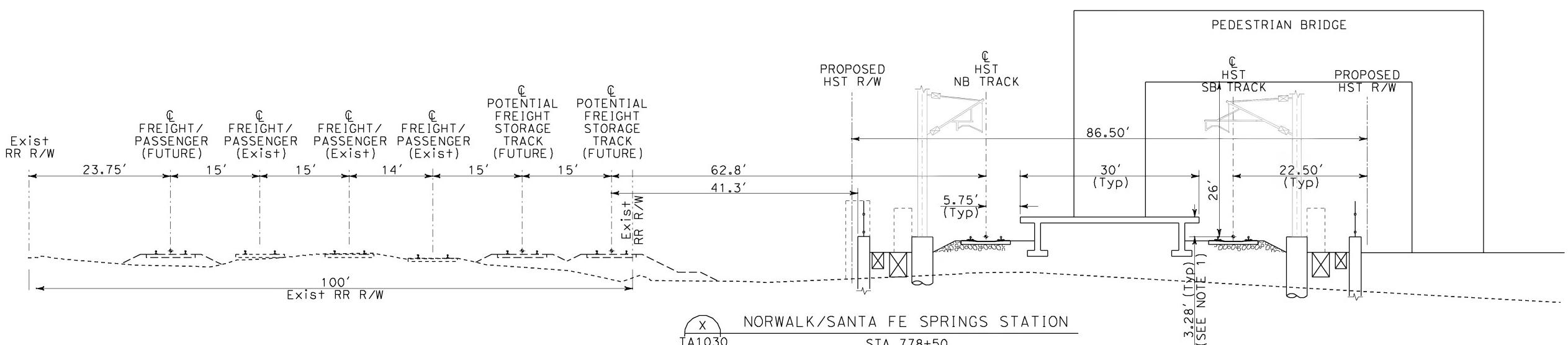
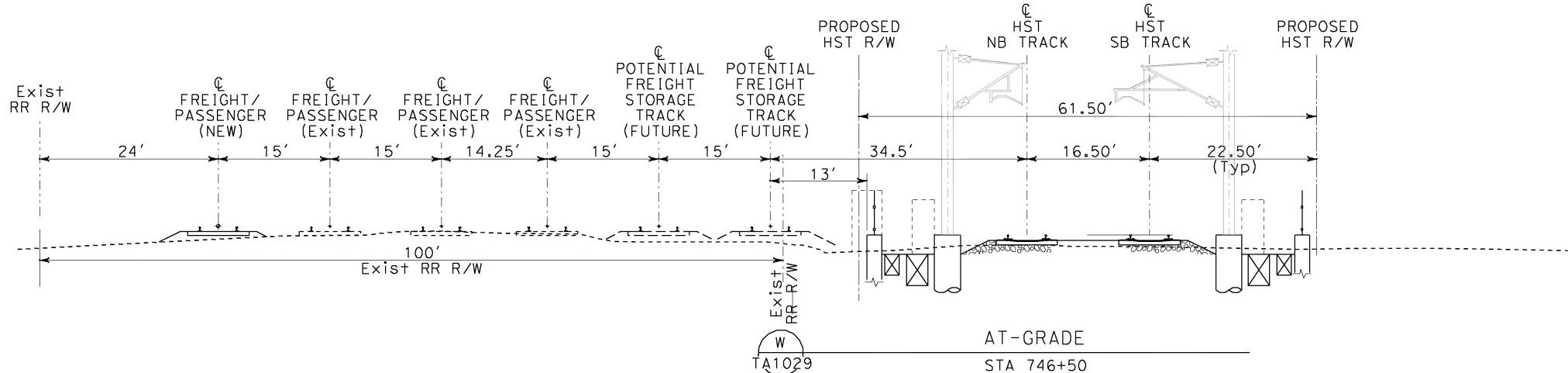
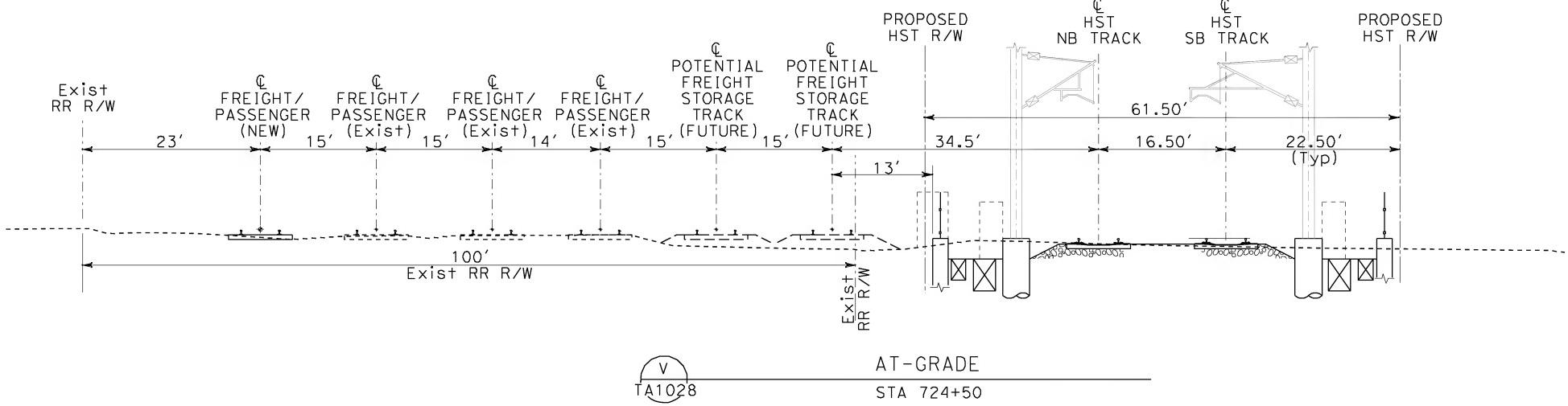
DESIGNED BY  
K. MCCULLOU  
DRAWN BY  
K. MCCULLOU  
CHECKED BY  
A. SOKOL  
IN CHARGE  
D. THOMSON  
DATE  
12-22-09

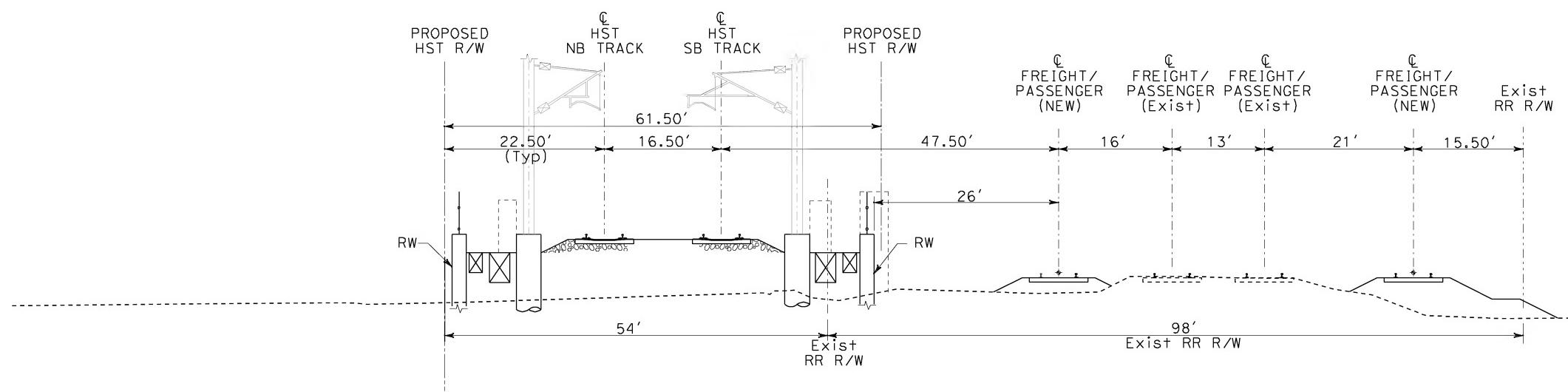
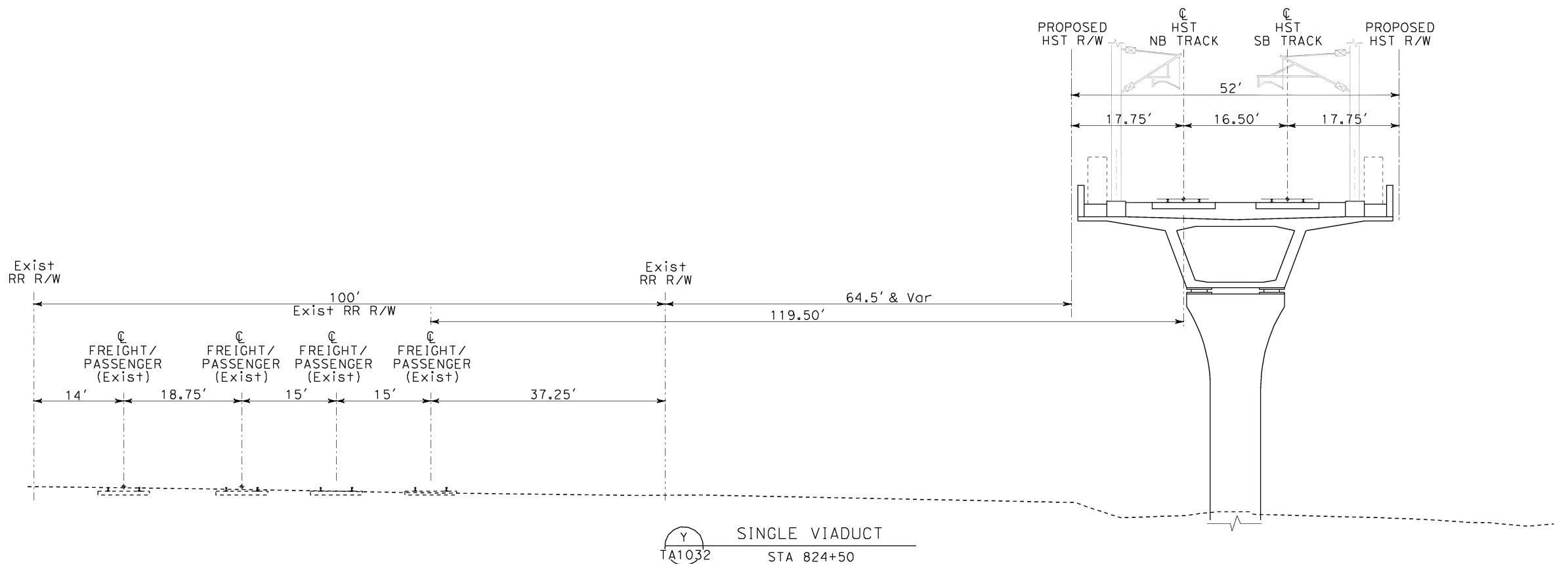


**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT**

## CROSS SECTIONS

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TA3012  
SCALE  
1" = 10'  
SHEET NO.





NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



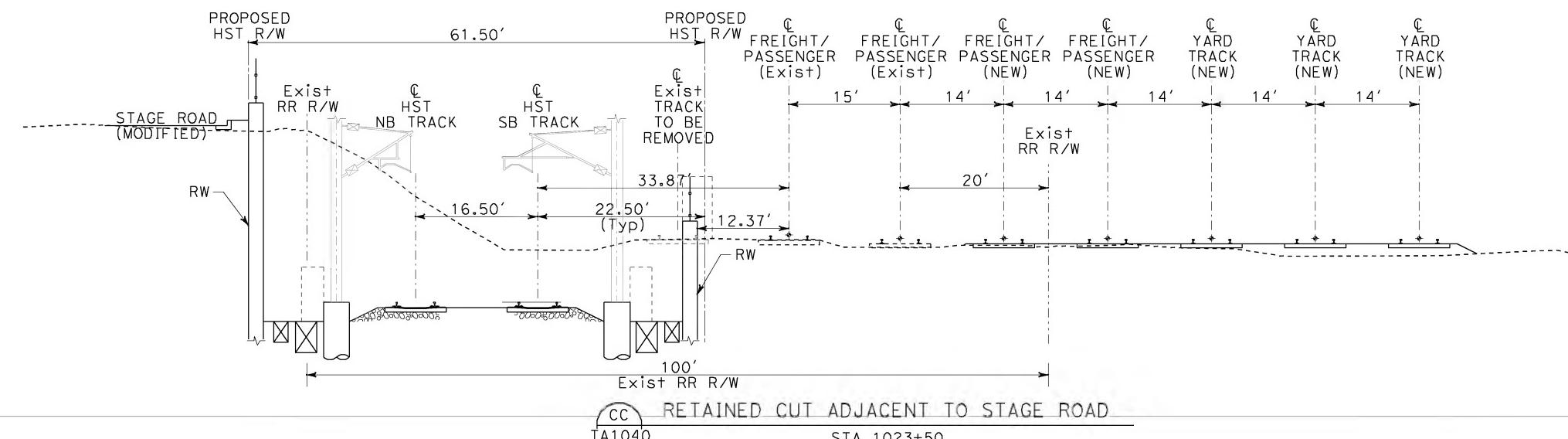
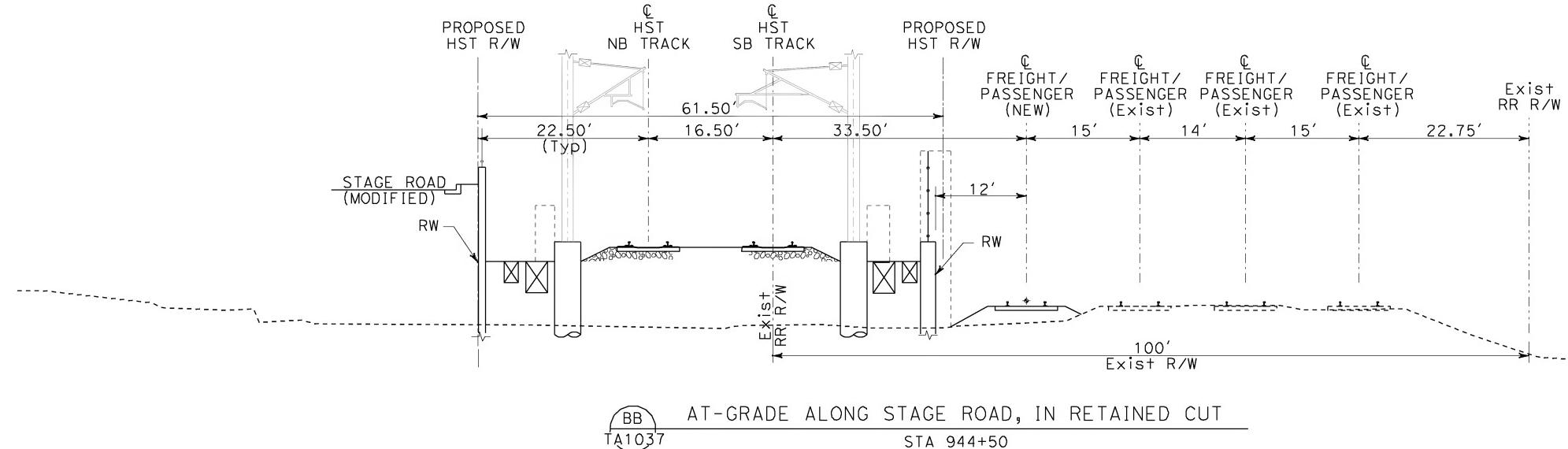
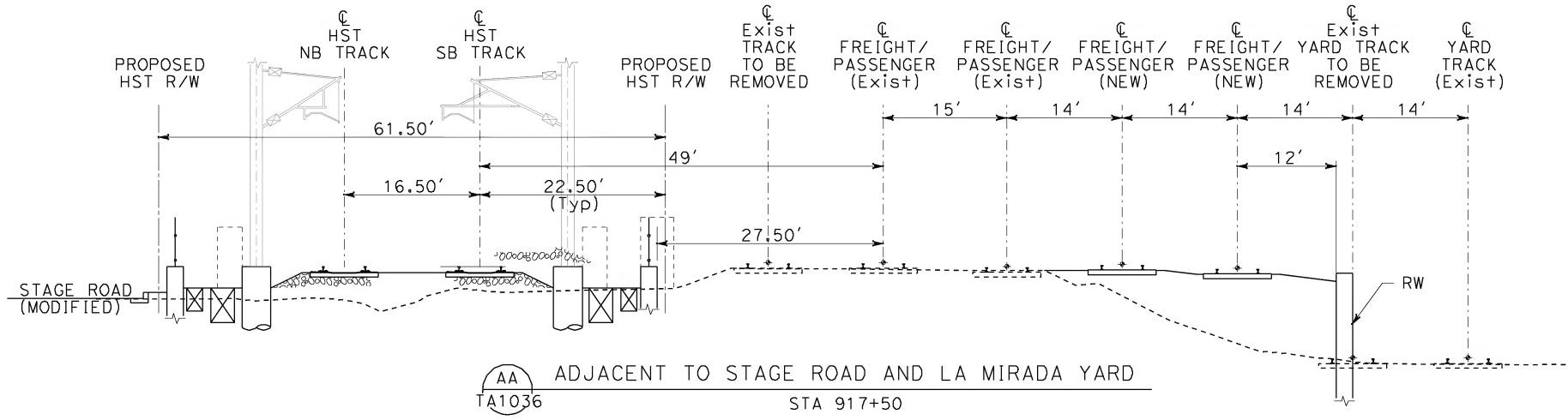
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT**

## CROSS SECTIONS

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TA3014  
SCALE  
1" = 10'  
SHEET NO.

**NOTE:**

1. EXISTING MAIN LINE AND YARD TRACKS ALONG THE LA MIRADA YARD AREA REQUIRE RECONFIGURATION IN COORDINATION WITH BNSF. INFORMATION SHOWN ON THIS PLAN IS CONCEPTUAL AND SUBJECT TO CHANGE BASED UPON DISCUSSION AND COORDINATION WITH BNSF.



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	SUB	APP	DESCRIPTION
					12-22-09

DESIGNED BY K. MCCULLOUGH	 STV Incorporated ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS 1055 WEST SEVENTH STREET, SUITE 3150 LOS ANGELES, CA 90017-2556
DRAWN BY K. MCCULLOUGH	
CHECKED BY A. SOKOL	
IN CHARGE D. THOMSON	
DATE 12-22-09	

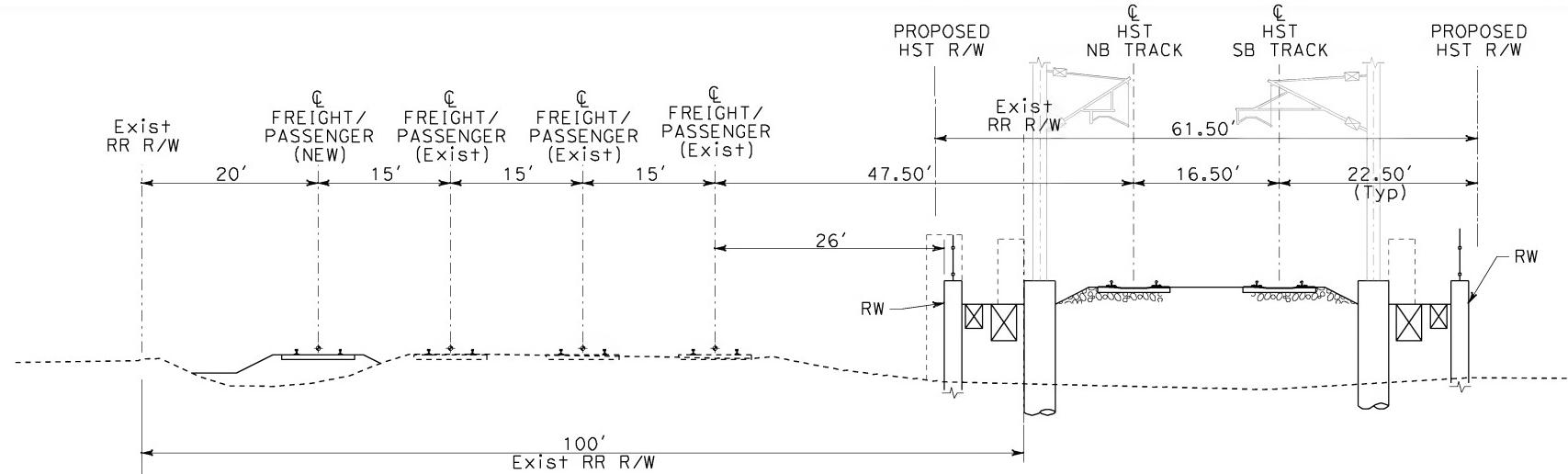


CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

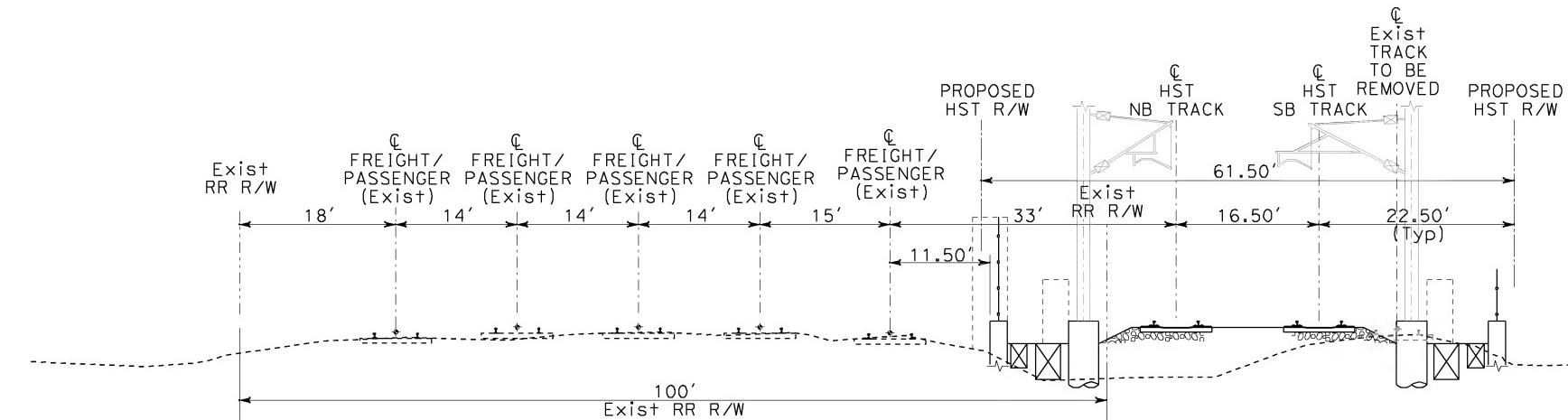
CROSS SECTIONS

CONTRACT NO. HSR06-0005
DRAWING NO. TA3015
SCALE 1" = 10'
SHEET NO.

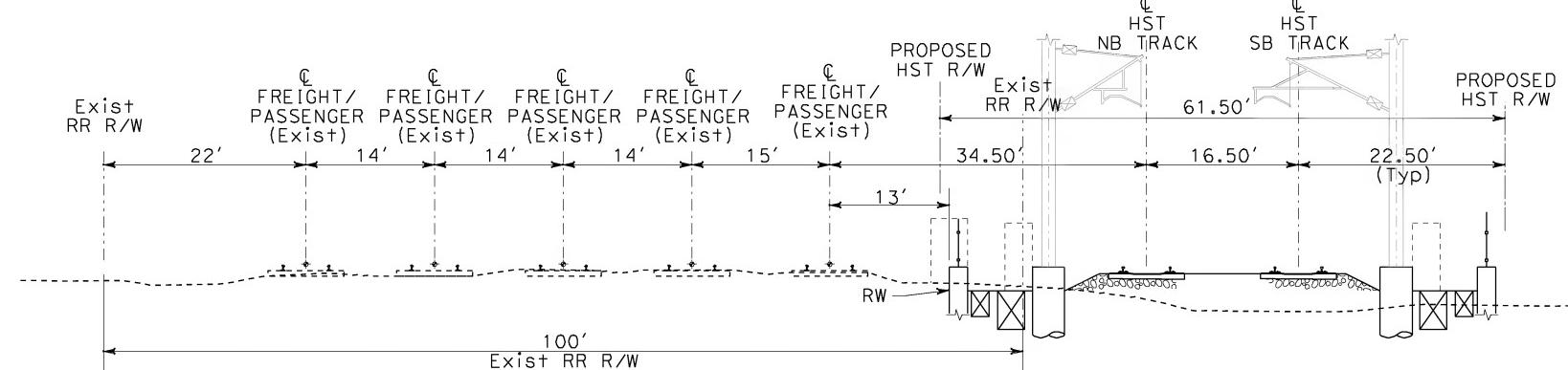




FF RETAINED CUT IN FULLERTON  
TA1046 STA 1182+50

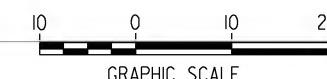


GG AT-GRADE IN FULLERTON  
TA1047 STA 1220+50



HH AT-GRADE IN FULLERTON  
TA1049 STA 1261+50

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REV	DATE	BY	SUB	APP	DESCRIPTION
					12-22-09

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DRAWN BY K. MCCULLOUGH	
CHECKED BY A. SOKOL	
IN CHARGE D. THOMSON	
DATE 12-22-09	
REV	

STV Incorporated  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



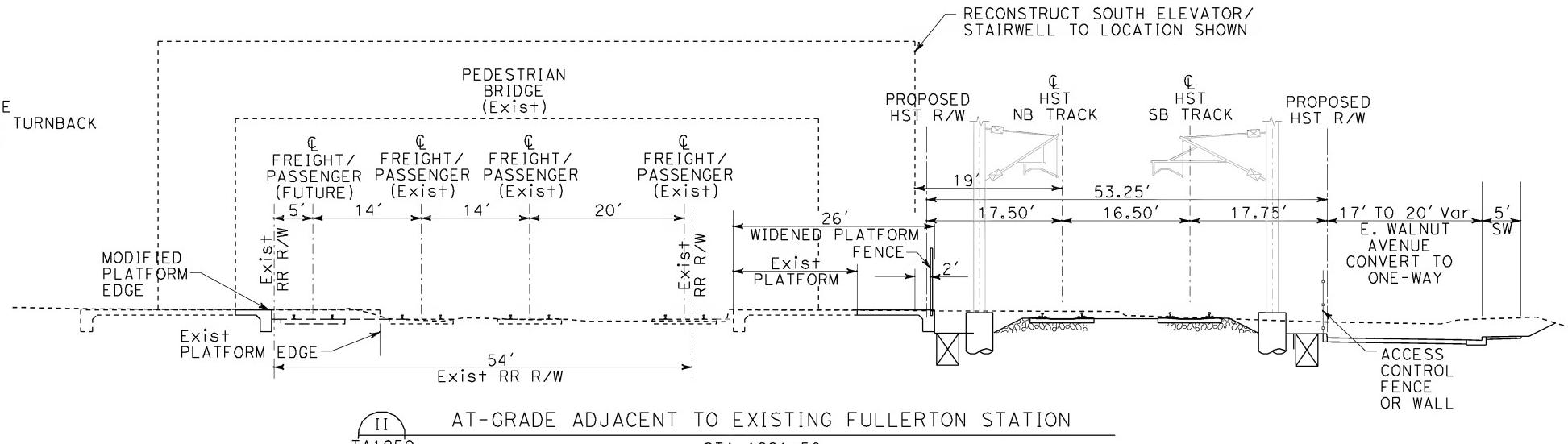
CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

CROSS SECTIONS

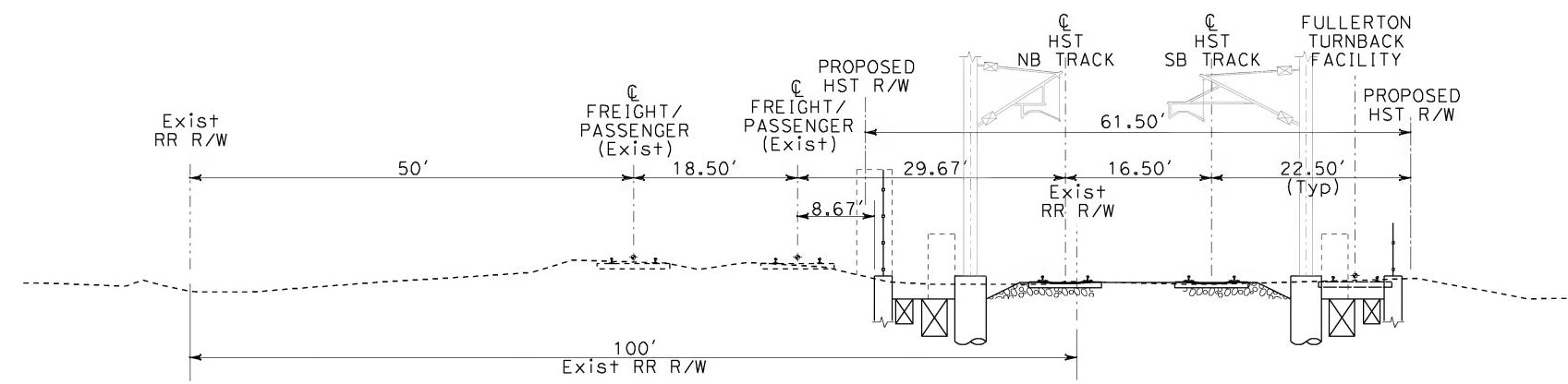
CONTRACT NO. HSR06-0005
DRAWING NO. TA3017
SCALE 1" = 10'
SHEET NO.

**NOTE:**

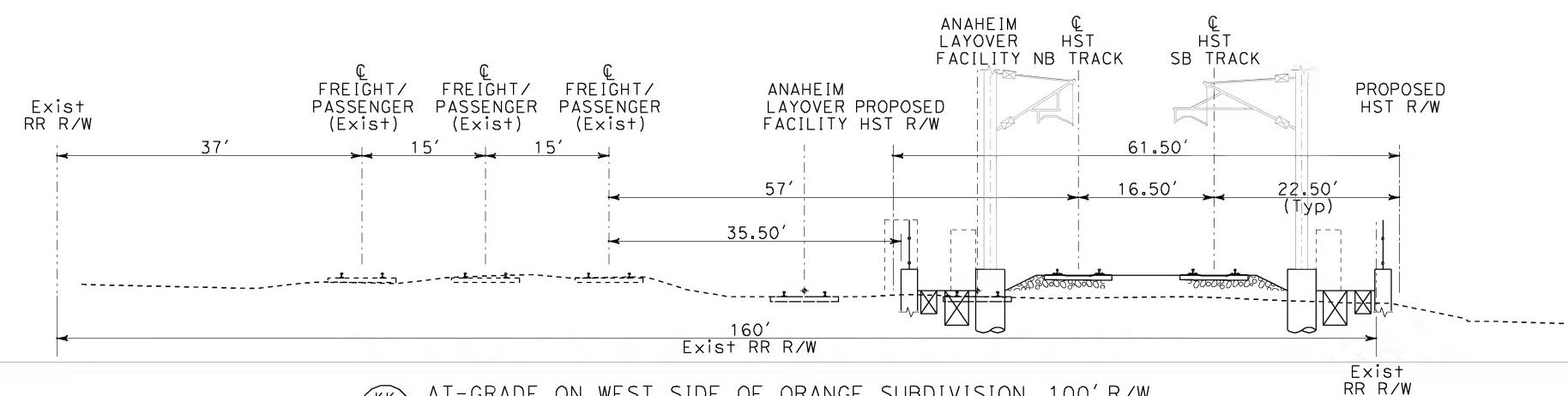
1. PROPOSED HST FACILITIES REQUIRE THE REMOVAL OF THE PROPOSED FULLERTON TURNBACK FACILITY AND ANAHEIM LAYOVER YARD.



AT-GRADE ADJACENT TO EXISTING FULLERTON STATION  
TA1050 STA 1291+50



AT-GRADE IN FULLERTON  
TA1051 STA 1321+50

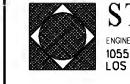


AT-GRADE ON WEST SIDE OF ORANGE SUBDIVISION, 100' R/W  
TA1052 STA 1353+50

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FOR INTERNAL USE ONLY



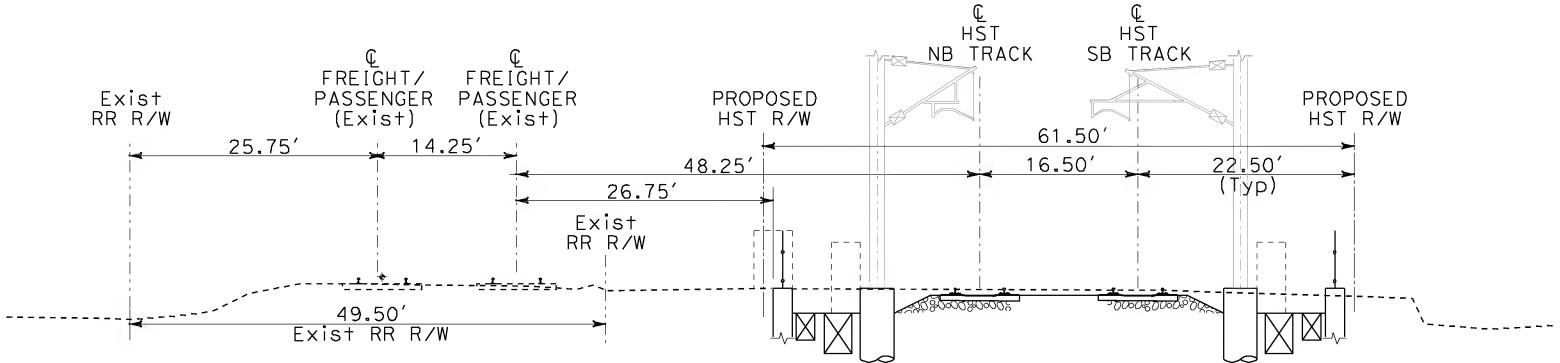
REV	DATE	BY	SUB	APP	DESCRIPTION
					12-22-09

DESIGNED BY K. MCCULLOUGH	 <b>STV Incorporated</b> <small>ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS</small> <small>1055 WEST SEVENTH STREET, SUITE 3150</small> <small>LOS ANGELES, CA 90017-2556</small>
DRAWN BY K. MCCULLOUGH	
CHECKED BY A. SOKOL	
IN CHARGE D. THOMSON	
DATE 12-22-09	

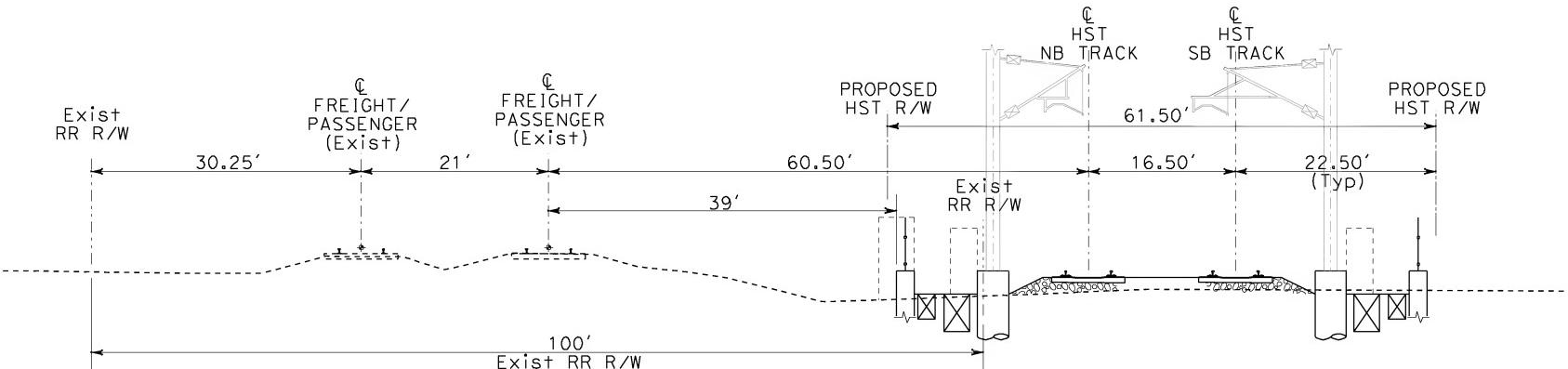


**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT  
CROSS SECTIONS

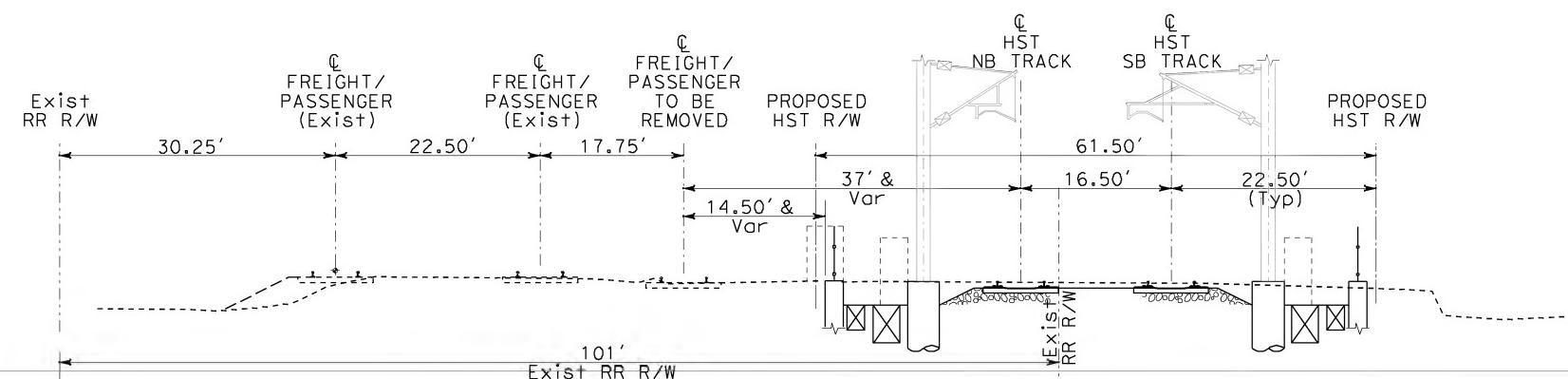
CONTRACT NO. HSR06-0005
DRAWING NO. TA3018
SCALE 1" = 10'
SHEET NO.



LL AT-GRADE ON WEST SIDE OF ORANGE SUBDIVISION, 50' R/W  
TA1054 STA 1403+50



MM AT-GRADE IN ANAHEIM  
TA1058 STA 1507+50



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

NN AT-GRADE ON WEST SIDE OF ORANGE SUBDIVISION, 50' R/W  
TA1059 STA 1516+50



REV	DATE	BY	SUB	APP
DESCRIPTION				

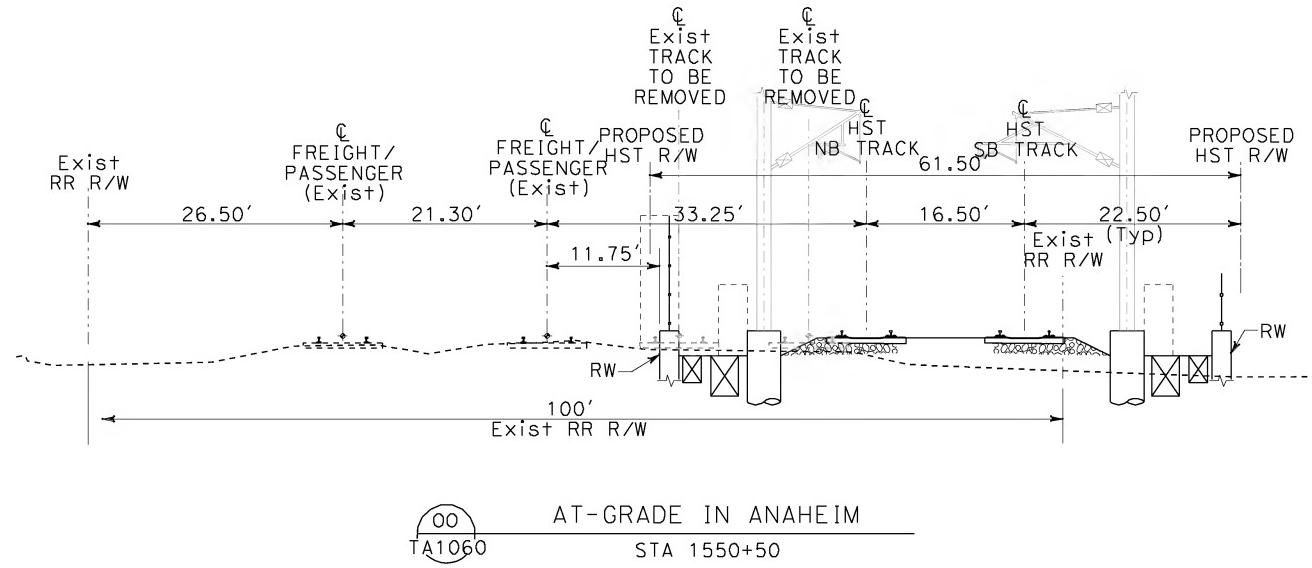
DESIGNED BY K. MCCULLOUGH	DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL	
IN CHARGE D. THOMSON	
DATE 12-22-09	



CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

CROSS SECTIONS

CONTRACT NO. HSR06-0005
DRAWING NO. TA3019
SCALE 1" = 10'
SHEET NO.



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					12-22-09

DESIGNED BY K. MCCULLOUGH
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CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09

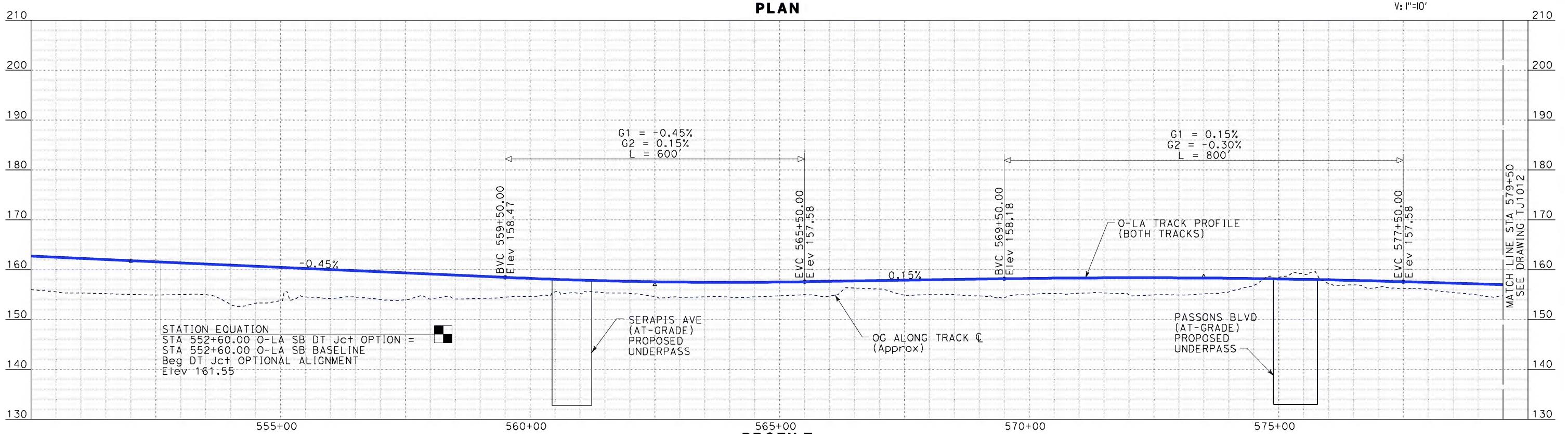
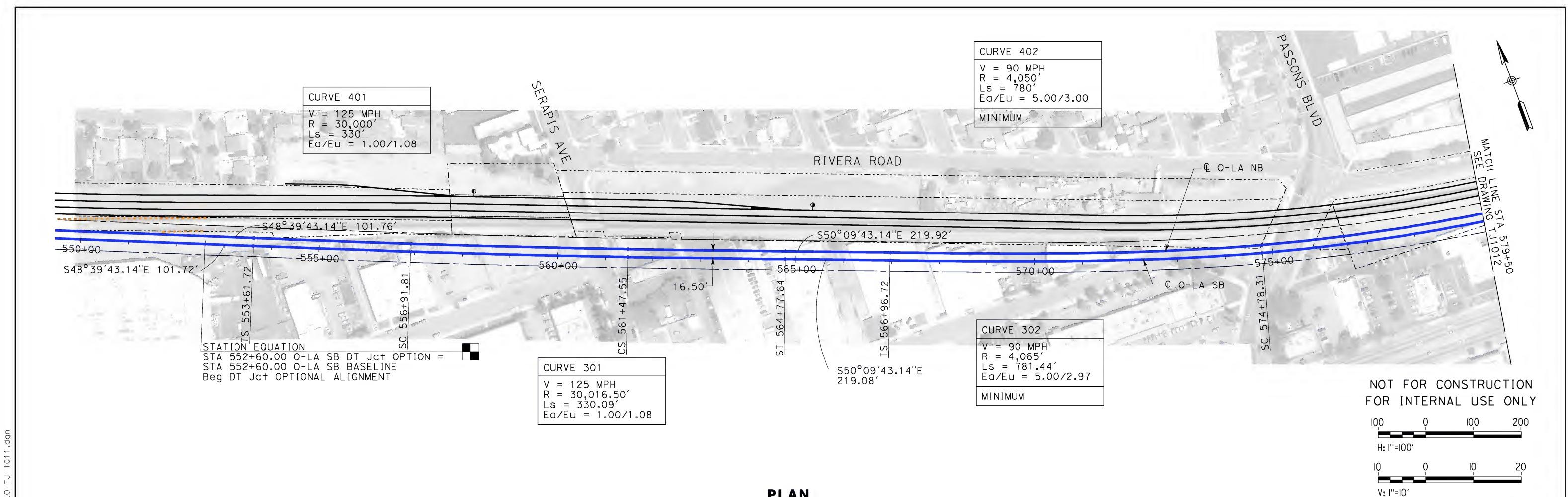


**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**

BASELINE ALIGNMENT

CROSS SECTIONS

CONTRACT NO. HSR06-0005
DRAWING NO. TA3020
SCALE 1" = 10'
SHEET NO.



REV	DATE	BY	SUB	APP	DESCRIPTION
					12-22-09

DESIGNED BY  
K. MCCULLOUGH  
DRAWN BY  
K. MCCULLOUGH  
CHECKED BY  
A. SOKOL  
IN CHARGE  
D. THOMSON



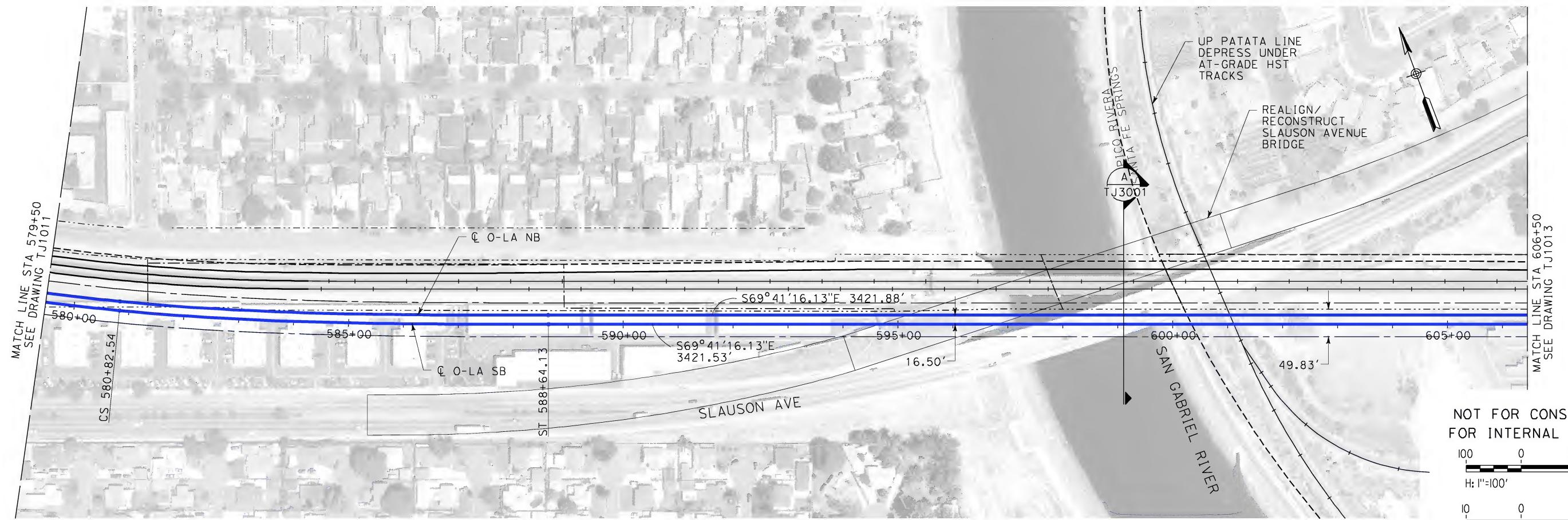
STV Incorporated  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
**FLY CALIFORNIA**  
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
NORWALK BLVD TO SERAPIS AVE  
OPTION - AT-GRADE  
PLAN AND PROFILE  
STA 552+60 TO STA 579+50

CONTRACT NO.  
HSR-0005  
DRAWING NO.  
TJ1011  
SCALE  
AS SHOWN  
SHEET NO.  
1



PLAN



PROFILE

REV	DATE	BY	SUB	APP	DESCRIPTION
					12-22-09

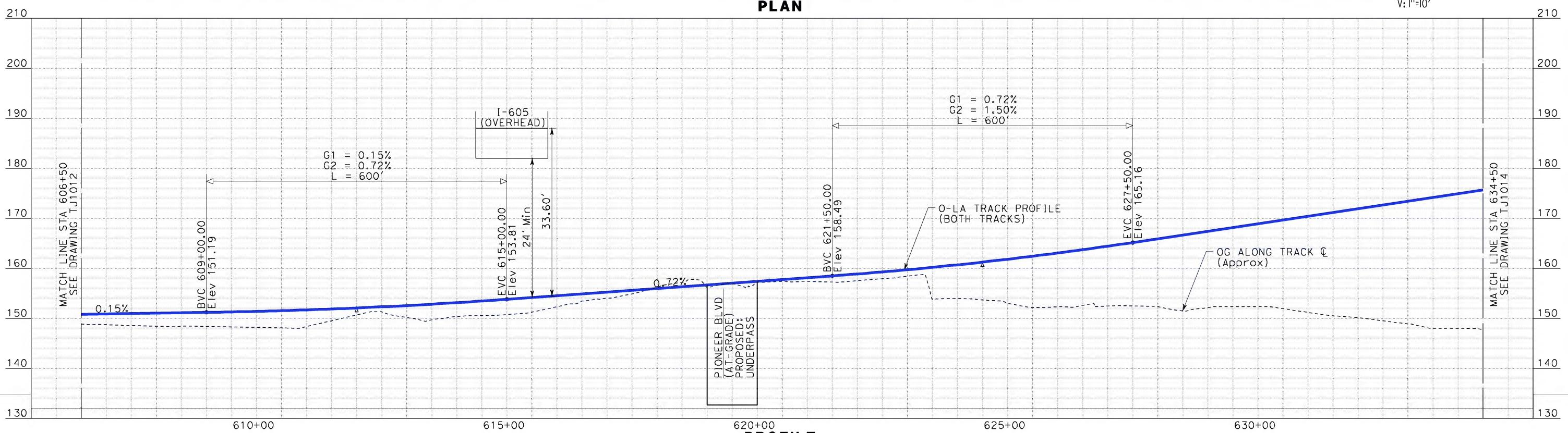
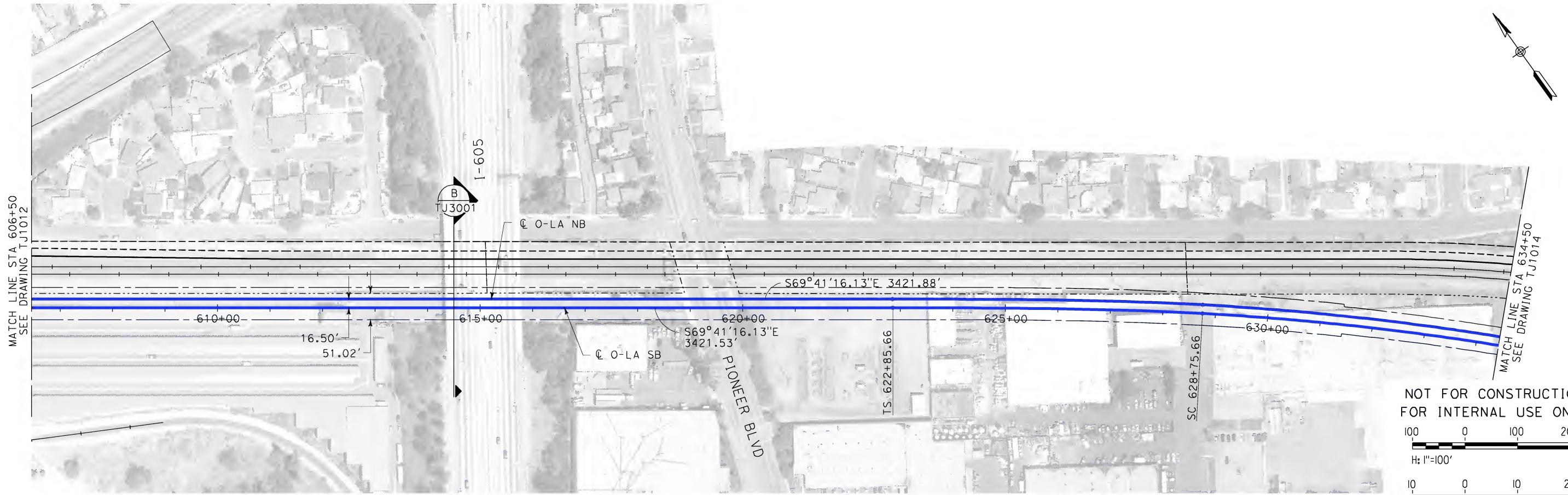
DESIGNED BY  
K. MCCULLOUGH  
DRAWN BY  
K. MCCULLOUGH  
CHECKED BY  
A. SOKOL  
IN CHARGE  
D. THOMSON  
DATE  
12-22-09

STV Incorporated  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
NORWALK BLVD TO SERAPIS AVE  
OPTION - AT-GRADE  
PLAN AND PROFILE  
STA 579+50 TO STA 606+50

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TJ1012  
SCALE  
AS SHOWN  
SHEET NO.



REV	DATE	BY	SUB	APP	DESCRIPTION
					12-22-09

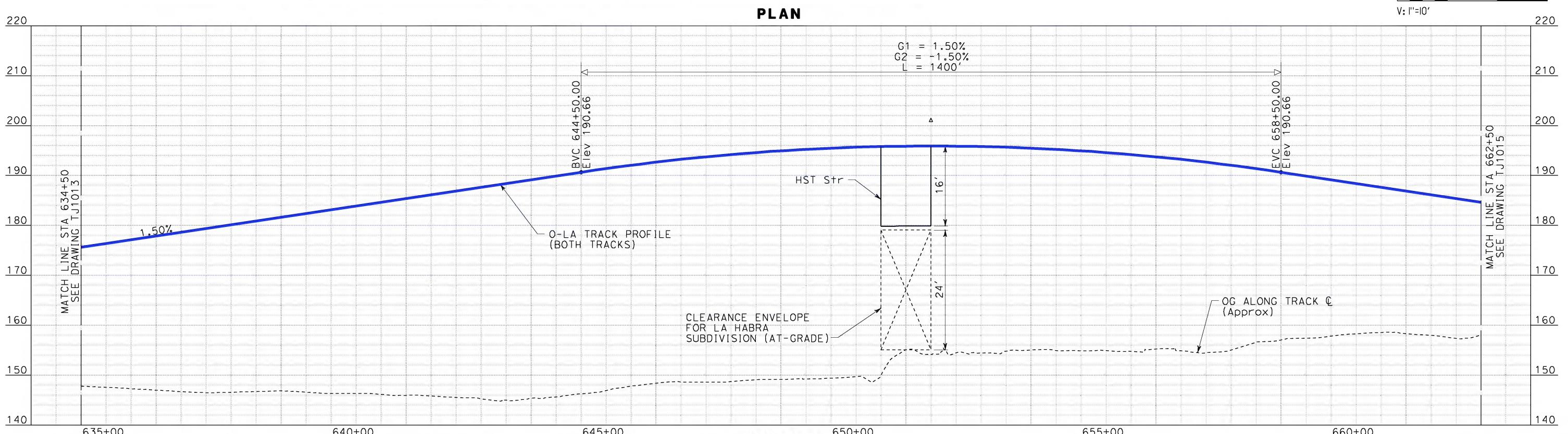
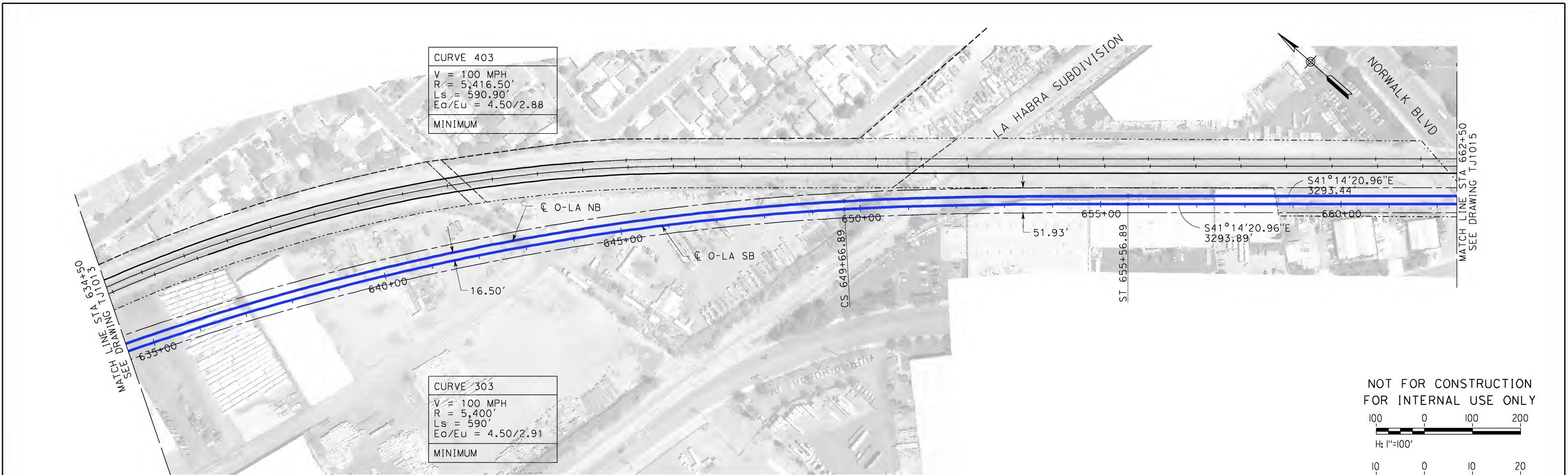
DESIGNED BY  
K. MCCULLOUGH  
DRAWN BY  
K. MCCULLOUGH  
CHECKED BY  
A. SOKOL  
IN CHARGE  
D. THOMSON  
DATE  
12-22-09

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1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556

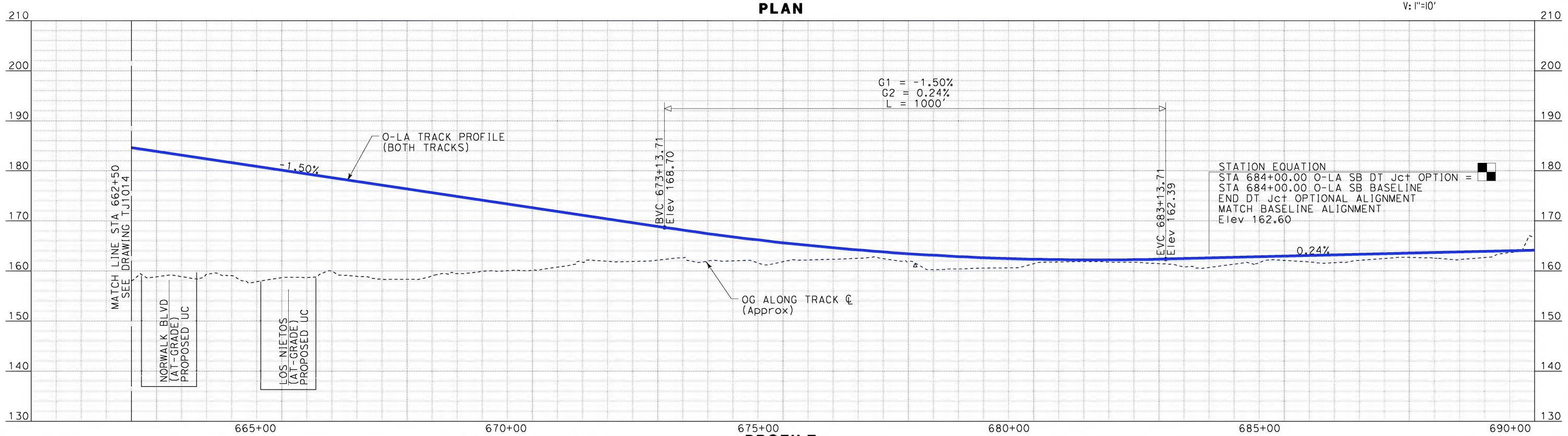
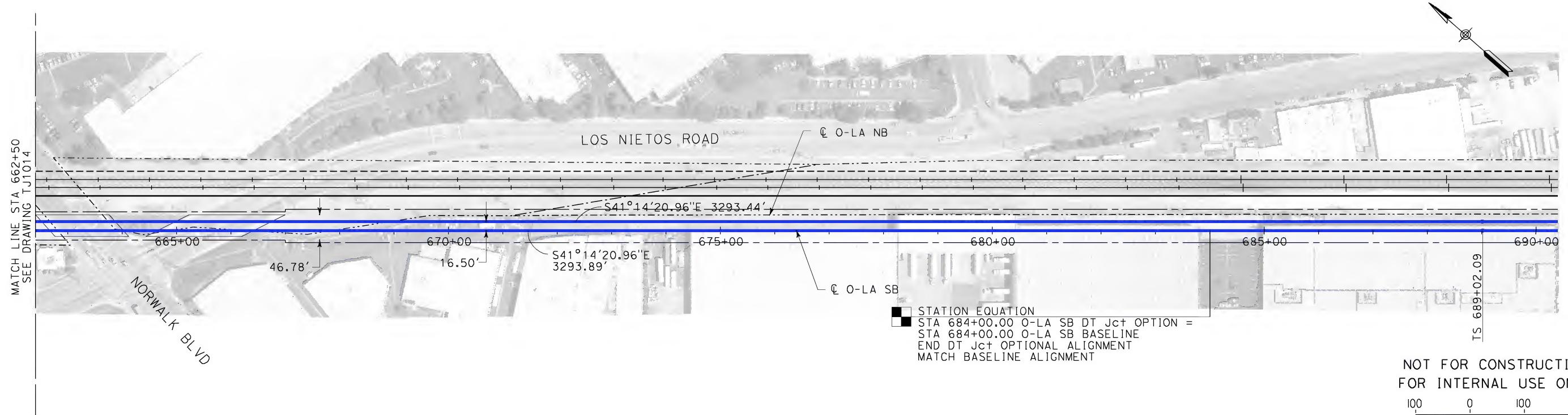


CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
NORWALK BLVD TO SERAPIS AVE  
OPTION - AT-GRADE  
PLAN AND PROFILE  
STA 606+50 TO STA 634+50

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TJ1013  
SCALE  
AS SHOWN  
SHEET NO.



DESIGNED BY K. MCCULLOUGH	DRAWN BY K. MCCULLOUGH	CHECKED BY A. SOKOL	IN CHARGE D. THOMSON	STV Incorporated ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS 1055 WEST SEVENTH STREET, SUITE 3150 LOS ANGELES, CA 90017-2556	CALIFORNIA HIGH-SPEED RAIL AUTHORITY <b>FLY CALIFORNIA</b> Without ever leaving the ground.	CALIFORNIA HIGH-SPEED TRAIN PROJECT ORANGE COUNTY TO LOS ANGELES NORWALK BLVD TO SERAPIS AVE OPTION - AT-GRADE PLAN AND PROFILE STA 634+50 TO STA 662+50	CONTRACT NO. HSR06-0005
REV	DATE	BY	SUB	APP	DESCRIPTION	DATE 12-22-09	DRAWING NO. TJ1014



REV	DATE	BY	SUB	APP

DESCRIPTION
12-22-09

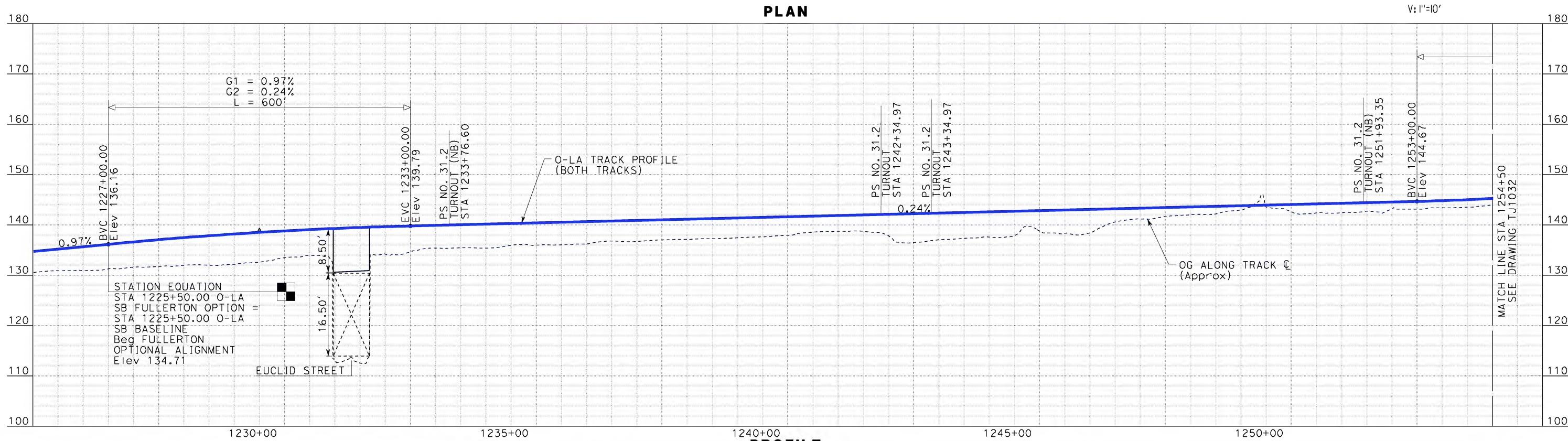
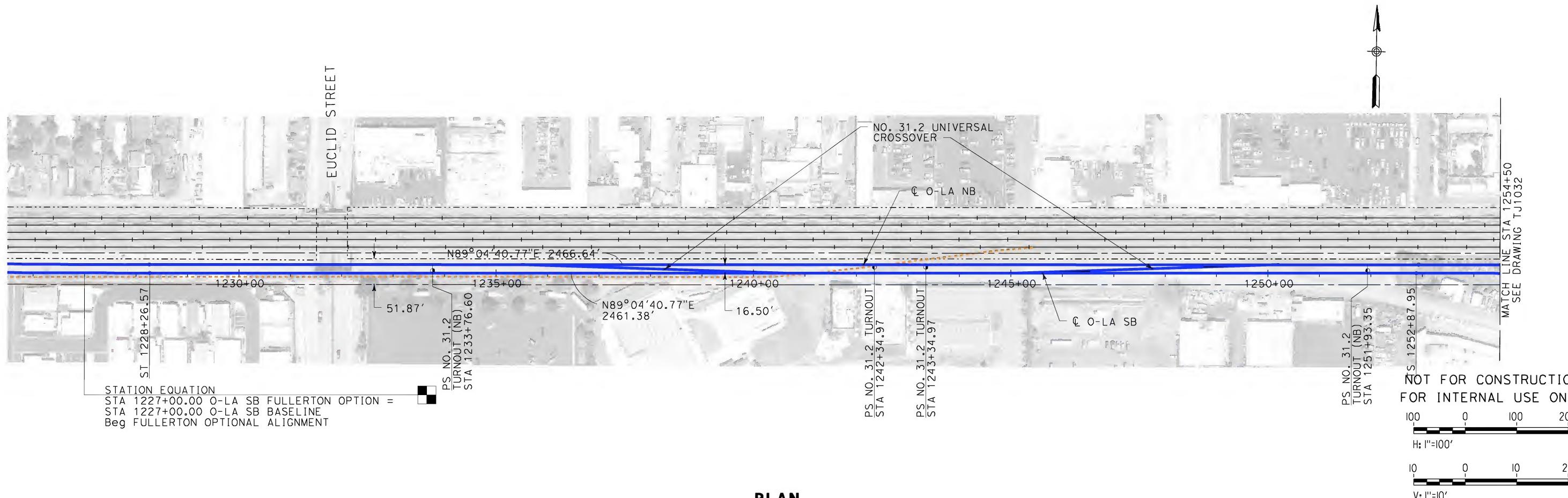
DESIGNED BY K. MCCULLOUGH	
DRAWN BY K. MCCULLOUGH	
CHECKED BY A. SOKOL	
IN CHARGE D. THOMSON	
DATE 12-22-09	

STV Incorporated  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
NORWALK BLVD TO SERAPIS AVE  
OPTION - AT-GRADE  
PLAN AND PROFILE  
STA 662+50 TO STA 684+00

CONTRACT NO. HSR06-0005
DRAWING NO. TJ1015
SCALE AS SHOWN
SHEET NO. 1



	DESIGNED BY K. MCCULLOUGH
	DRAWN BY K. MCCULLOUGH
	CHECKED BY A. SOKOL
IN CHARGE	D. THOMSON
	DATE 12-22-09



1240+00  
**PROFI**

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES

FULLERTON OPTION 1  
AT-GRADE STATION  
PLAN AND PROFILE  
A 1227+00 TO STA 1254

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TJ1031  
SCALE  
AS SHOWN  
HEET NO.